Medical College of Georgia

Catalog 1971-72

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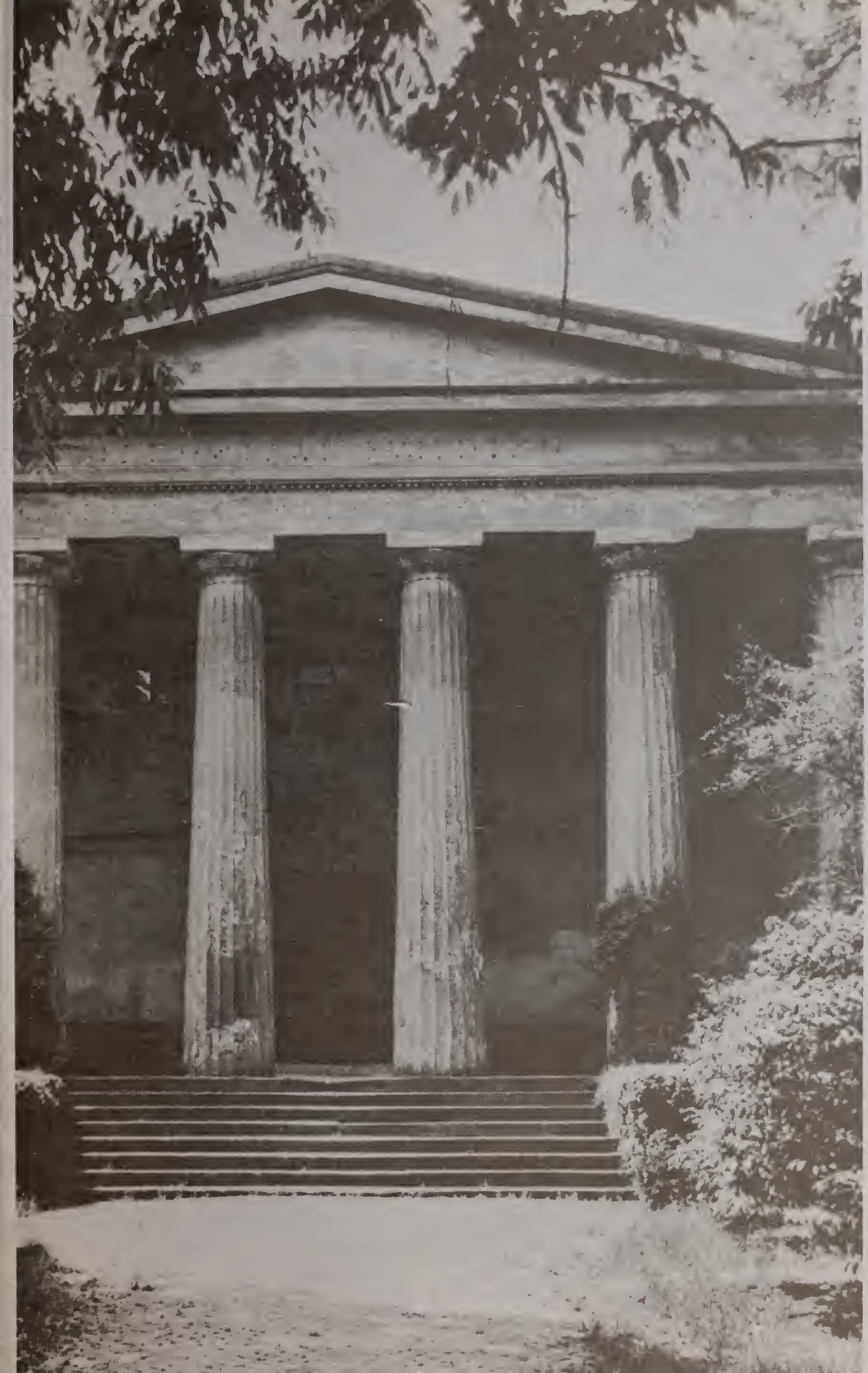

A Guide For The Reader

This catalog represents a compendium of all the educational and training programs offered at the Medical College of Georgia. The catalog is divided into sections beginning with general information about the College, then a section on each of the various schools and programs.

The reader is urged to first examine the General Information Section, since much of the material is applicable to **all** the College's programs and therefore not repeated in the separate sections which follow.

An example is the information on housing, on classification of non-resident students and other information which applies uniformly throughout the College.

No attempt is made to provide an exhaustive, page-by-page listing of contents. Since each section follows a fairly standardized format and is divided by various subheadings, the table of contents is designed only to provide a general reference guide.

There is an alphabetical listing of the faculty in the final section of the book. Also included is a listing of Faculty by Schools and Departments.

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Augusta/MCG Vicinity

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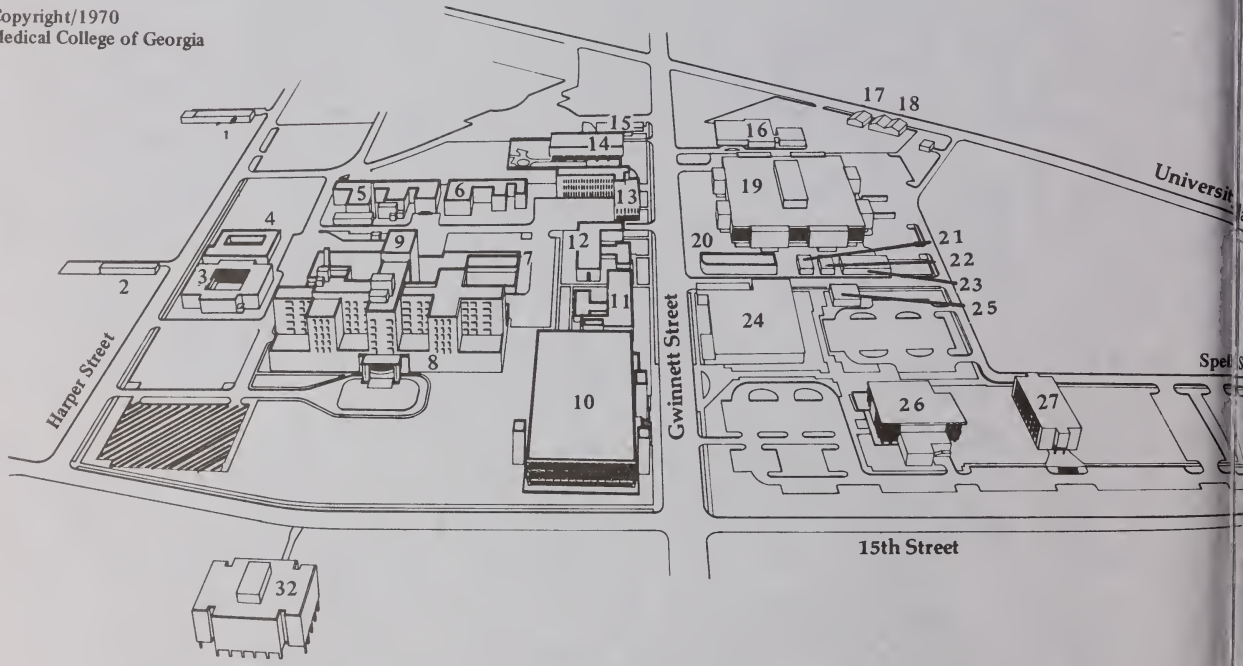


Map Key

1 Marks Building

2 Perkins Building

3 Residence III

4 School of Nursing

5 Dugas Building

6 Murphey Building

7 Educational Building

8 Hospital & Clinics

9 Research Wing

10 School of Dentistry

11 Residence I

12 Residence II

13 Administration Building

14 Library

15 Protein Chemistry Laboratories

16 Endocrinology and Dermatology Building

17 Construction and Research No. 1 (Temporary)

18 Construction and Research No. 2 (Temporary)

19 Research and Education Building

20 Rinker Building

21 Classrooms, Laboratory (Temporary)

22 Dental Clinics (Temporary)

23 Pediatric Health Clinic

24 Offices and Clinics

25 School of Dentistry (Temporary)

26 Student Center

27 Residence 4

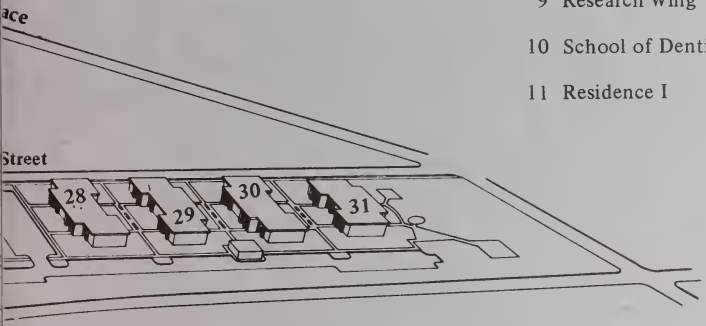
28 Residence 5-A

29 Residence 5-B

30 Residence 5-C

31 Residence 5-D

32 Veterans Service Nursing Home



A History Of The Medical College Of Georgia

The College, founded in 1828 as a Medical Academy authorized to grant the Bachelor of Medicine degree, was Georgia's first school of medicine. It is the 21st oldest among existing U. S. medical schools. Today, MCG remains the State's primary facility for the education of health professionals, and serves the State and region as a health sciences university.

The original charter for the institution was obtained from the General Assembly of Georgia in 1822, following efforts of a group of physicians in the Medical Society of Augusta. Among the leaders of this group were Drs. Milton Antony and Joseph Adams Eve. These two founding physicians had begun teaching apprentices in 1826, in two rooms of the old Augusta City Hospital.

The Charter of 1828 was altered in 1829 to allow the conferring of the Doctor of Medicine degree, and the name of the Academy was changed to Medical Institute of Georgia. In 1833, at the institution's first commencement exercises, four students received degrees. The same year, the name of the institution was changed again, this time to Medical College of Georgia.

In 1835, students and faculty of the Medical College moved from City Hospital into a new building at the corner of Telfair and Sixth Streets in Augusta. This columned, Greek Revival structure still stands, though long-outgrown by its first tenants. It is used today as headquarters for the Augusta Council of Garden Clubs.

The College operated practically as usual until the eve of the Civil War. Lectures were concluded early in 1861, following secession of Georgia from the Union, and 35 candidates were graduated — presumably to take part in the four-years-long conflict between the states.

The College had little history as an institution during the Civil War, and did not resume regular lectures until November 6, 1865. Forty-seven students, most of whom were war veterans, enrolled that winter.

Another name change came to the institution in 1873, when the College was joined with the University of Georgia and became known as the Medical Department of the University.

In 1931 a University System of Georgia with a Board of Regents was organized as a constitutional entity in Georgia, bringing 26 State institutions of higher learning under central governance.

Eighteen years later, in 1950, the status of the medical school changed again and the name Medical College of Georgia was restored. Concurrently, MCG became a unit of the University System independent of the University of Georgia, with administrative authority delegated to the College President.

Since that time MCG has grown into more than a medical school. Now, in addition to the School of Medicine, the College operates a School of Graduate Studies, organized in 1951; a School of Nursing, transferred to Augusta from the University in 1956; a School of Allied Health Sciences, organized in 1968, and a School of Dentistry, which accepted its first students in 1969.

MCG is now a vital and growing institution, advancing along broad fronts to help meet the health care needs of nearly five million Georgians. The institution has a student body that is growing at a rapid rate, and a dedicated faculty undergoing commensurate growth.

Evidence of physical expansion is practically everywhere on campus, as is an academic atmosphere of high quality and deep intensity.

MCG has advanced considerably in it 142-year history; commitment is still strong to go even further.

The University System

The University System of Georgia was established in 1931 when control and operational authority over state-aided schools of higher learning were vested in the University System Board of Regents, a constitutional body appointed by the Governor and approved by the Senate. There are fifteen Regents, all serving terms of seven years. Members of the Board are appointed from each of the state's Congressional Districts and the remainder from the state-at-large. The Regents select their own officers and appoint a chancellor as chief administrator of the University System. The system consists of 27 institutions including the Medical College of Georgia.

Degrees Offered

The following degrees and certificates are granted by the College through its schools:

School of Medicine
The Doctor of Medicine degree.

School of Dentistry
The Doctor of Dental Medicine degree.

School of Graduate Studies
The Doctor of Philosophy degree, the Master of Science degree, the Master of Science in Medical Illustration degree, the Master of Science in Nursing degree, the Master of Health Education in Dental Hygiene, Medical Record Science and Medical Technology.

School of Nursing
The Bachelor of Science in Nursing degree.

School of Allied Health Sciences:

Dental Hygiene — Bachelor of Science degree.

Medical Illustration — Bachelor of Science degree and Certificate.

Medical Record Science — Bachelor of Science degree.

Medical Technology — Bachelor of Science Degree.

Occupational Therapy — Bachelor of Science Degree.

Physical Therapy — Bachelor of Science Degree.

Radiologic Technology — Bachelor of Science degree and Certificate.

Facilities for instruction

The College campus, situated in the approximate center of Augusta, is convenient to the downtown business district. The locations of the College's various facilities are shown on the campus map.

Administration Building.
First floor: offices of President, Vice President, Dean of Medicine, Dean of Graduate Studies, Registrar, Comptroller, Research Coordinator, Alumni Association, Vice-president and Treasurer and Director of Institutional Relations.

Buildings which, for the most part, are used for classroom and laboratory training are: Murphey Building, Dugas Building, Educational Building annex to teaching hospital, School of Dentistry and the Research and Education Building. The latter two are new structures opened for use in 1971. The Research and Education Building is one of the largest structures in the University System. It houses instructional space for the first two years of Medicine and Dentistry. Also in the building are faculty offices and research areas. The School of Dentistry Building houses dental clinical training areas, laboratories, radiology, and faculty offices.

The Student Center.
The student center, constructed in 1967, houses the cafeteria, snack bar, book store, Student Affairs offices, and recreational facilities for students.

Housing.
There are three residence halls for students. Married student housing is also available. Details about these facilities are in the Student Handbook.

Other facilities are:

Library.
The Library is housed in a modern two-story building, completed in 1965. Each floor has open stacks and reading areas. On the second floor there are also, individual carrels, small group study rooms, two large conference rooms, and a coin operated photocopy machine for student use. Approximately 1,400 periodicals and other serials are received annually and the holdings consist of more than 75,000 books and bound journals. An active inter-library loan service is maintained. To expedite this, a TWX teletype system is available.

Eugene Talmadge Memorial Hospital.
The hospital is an integral part of the Medical College, contributing teaching and clinical research facilities for both faculty and students. It contains approximately 450 active teaching beds with supporting x-ray, laboratory, physical medicine, surgery and dietary facilities.

The clinical, teaching and research facilities are utilized for the benefit of students in Medicine, Nursing, Medical Record Science, Medical Technology, Medical Illustration, Physical Therapy, Radiologic Technology, and in the sciences basic to medicine.

Clinical Research Annex.
A ten-floor annex to the teaching hospital, containing special laboratories for research.

Animal Care Facility.
A modern building complex located south of Augusta for housing and care of all species of animals used for teaching and research at the Medical College.

University Hospital.
A city-county hospital with a long tradition of medical education, this is an excellent facility currently being utilized for medical student education in required clerkships and elective courses. As an integral member of the College Affiliated Hospitals Programs, the University Hospital is utilized for house staff training in internal medicine, pediatrics, surgery and obstetrics and gynecology. A nucleus of full time faculty at University Hospital working closely with the private physicians of the community and with the staff of the Eugene Talmadge Memorial Hospital provides the supervision and teaching of medical students and house staff at University Hospital.

Veterans Administration Hospital.
As an integral member of the College Affiliated Hospitals Programs, the Veterans Administration Hospital serves as an excellent facility for medical education of students and house staff. An important and enlarging component of the full time faculty situated at the Veterans Administration Hospital supervises patient care and the education of house staff, as well as the education of medical students in required clerkships and elective programs.

Gracewood State School and Hospital.
The facilities and patients of this state institution are available for clerkships and clinical demonstrations of neurologic, biochemical, and genetic disorders. It is located on the outskirts of Augusta.

Outpatient Department.
An outpatient service, maintained at University Hospital for indigent patients of Richmond County, is staffed by the College. In addition, specialty outpatient services are scheduled.

Georgia Regional Hospital At Augusta.
A state hospital which participates in the psychiatric training program.

Augusta-Richmond County Health Department.
Located adjacent to the campus, it contributes to the teaching programs in public health, pediatrics and obstetrics.

Battey State Hospital, Rome, Georgia.
A state hospital which participates in the thoracic surgery resident training program.

Admission Requirements

Admission requirements and application procedures, including information pertaining to application forms, physical examinations, personal interviews, and pre-entrance testing, are listed within the individual program descriptions.

The College is an equal educational opportunity institution in that no person shall, on the ground of race, color, creed, or national origin, be excluded from participation in, or be otherwise subjected to discrimination in any educational program, activity or facility.

Transfer credit

Courses and credits transferable to an undergraduate curriculum from other colleges or universities must have an over-all grade average acceptable to the College, but in no case less than a "C". College credit will not be allowed for such courses as Remedial Mathematics, or others basically of secondary school level.

A student transferring into professional curricula from non-collegiate institutions shall be required to have professional course work validated by standardized examinations in order to gain advanced standing and receive college credit for such course work. An application for the School of Medicine will not be considered from a student who is not in good standing at the institution he has attended previously.

An applicant who wishes to transfer to the College should have transcripts of all course work from all institutions submitted by Registrars at institutions formerly attended, and in accordance with instructions sent with application materials. Transcripts sent by a student, or unofficial transcript (unsealed or unsigned) will not be accepted.

Correspondence courses are discouraged. Not more than one-fourth of the courses for degree requirements may consist of correspondence or extension courses.

Any credit which is more than ten years old is subject to validation to the satisfaction of the Dean of the particular School.

Credits from unaccredited institutions are subject to validation to the satisfaction of the Dean of the particular School.

Academic Regulations

Units of credit

The unit of credit is the quarter hour. A quarter hour equals one hour of class work per week for one quarter, or its equivalent in other forms of instruction.

Classification of students

The classification under which a student registers at the beginning of the academic year will continue throughout the academic year.

Grades

Grades for the various schools are given in the school's Catalog section.

Grade Changes

Any grade changes due to errors in reporting must be brought to the attention of the Registrar's office within three months of the time reported.

Incomplete grades which have not been made up will be changed to failure grades after one quarter. Request for exception to this rule must be submitted in writing to the Registrar's office, with signed approval of instructor and Dean.

Registration

Registration must be completed on the dates outlined in the academic calendar. The procedure for registration will be outlined for the accepted applicant by the Registrar on the registration dates indicated.

The academic program of each student is planned in consultation with his academic advisor or major professor.

Auditors

A student may not attend classes in a course for which he is not officially registered. Auditors may attend courses with the consent of the Instructor, Program Director, and Registrar, but no academic credit shall be allowed.

Auditors are subject to the same fees as regular students and must register for courses in the same manner as all other students.

Attendance

Regular and punctual attendance is expected of students in all classes, and is counted from the first class meeting each term. Students who incur an excessive number of absences are subject to penalty.

Forfeiture of credit

By registering for a course for which he already has received credit by transfer or residence work, a student forfeits credit in the previous course. The final grade will be the grade on the repeated course.

Changes in course schedules

Changes in a student's schedule of courses may be made only with the approval of the Dean or Director, and the Registrar. Additions to a student's course schedule will not be allowed after the deadline set forth in the calendar. A course may be dropped without penalty up to the dates set forth in the calendar (usually mid-term), but after this time he will receive either a WP (withdrew passing) or a WF (withdrew failing). WF grades will be treated as failures for grade point calculations.

Discipline

Student discipline at the College is the responsibility of the President and his administrative staff. Students will be expected to act in a manner of credit to themselves and to the institution as outlined in the "Student Handbook" section on "Student Judiciary Procedures."

Appeals Procedure

When an applicant for admission shall feel that his application has not been given due consideration or when a student shall be expelled or suspended, the applicant or student shall have the right to appeal in accordance with the following procedure:

He shall appeal in writing to the President of the institution within five days after the action of which he complains. The President shall appoint a committee to review all facts and circumstances and shall within fifteen days make a decision which shall be final so far as the institution is concerned.

Should the aggrieved person be dissatisfied with this decision, he shall have the right to appeal in writing to the Board of Regents. An appeal to the Board of Regents shall be submitted in writing to the Executive Secretary of the Board within ten days after the President's decision and shall recite all reasons for dissatisfaction with the previous decision. After thorough investigation, the Board shall make its decision within sixty days. The Board's decision shall be final and binding for all purposes.

Noncontinous matriculation

Normally a student may be permitted to graduate under provisions of the catalog in effect at the time of his first matriculation. A student may choose to graduate under the provisions of a subsequent catalog. If he does so choose, he must meet all the provisions of the subsequent catalog. A student who returns to one of the undergraduate programs, or to the School of Graduate Studies, after an absence of two or more years will be required to meet the degree provisions of the catalog current on his return, along with such other regulations as may be in effect at the time.

Normal course load

The normal course load may vary with the several degree programs. Students may be required to register for a course load less than the normal course load if this action is determined to be advisable in the light of the student's academic standing or for other reasons. A student who in any quarter registers for less than 12 quarter hours is considered a part-time student; a student who registers for at least 12 but less than 19 hours is considered a full-time student; a student who registers for 19 or more hours is considered to be carrying an overload. No student of the School of Graduate Studies, or the undergraduate curricula, may register without special approval from his Dean for more than 21 quarter hours (including audit courses) in any given academic quarter.

Withdrawal from the College

A student who wishes to withdraw must report to the Registrar to obtain and complete the Withdrawal Form. The official records of a student who does not officially withdraw from the institution will not be released until the appropriate withdrawal procedures have been completed.

Course numbering system

The College offers courses numbered 100 to 299 to students in the Lower Division of undergraduate schools, and courses numbered 300 to 499 to students in the Upper Division of undergraduate schools.

In the School of Graduate Studies courses are numbered from 600 to 999. Certain courses are offered to undergraduate, graduate, and professional students jointly. Such courses are numbered appropriately for each class and degree program.

Requirements For Graduation

Additional requirements for graduation are outlined in later sections of this Catalog under the listings of the School of Medicine, School of Dentistry, School of Graduate Studies, School of Nursing, and School of Allied Health Sciences. However, the following apply to all baccalaureate programs offered by the College:

Recommendation by faculty

It is implicit in the requirements for all degrees conferred by the College that the faculty of each school recommend each candidate for a degree as having met all requirements for the degree to be conferred.

Transfer Credit

A maximum of 95 academic quarter hours from a junior college, or 141 hours from a senior college or another educational institution may be transferred into an undergraduate program. See, "Scholarship and Promotion."

Residence

The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A minimum of 180 quarter hours (excluding physical education) is required for a baccalaureate degree.

Examinations on the History and Constitutions of the United States and Georgia

Examinations on these subjects are required of all students unless exempted by presentation of course credit dealing with these constitutions and histories. A student is advised to meet this requirement early in his academic career.

Physical Education Requirements

Candidates for undergraduate degrees will present a minimum of three (3) quarters of physical education credit for graduation.

Scholarship And Promotion

An undergraduate degree shall not be conferred to any person whose overall weighted grade point average (for courses in residence) is less than 2.00. Credit hours in courses with the grade of "D" shall not exceed 20 per cent of the total hours for any degree program. Individual curricula may establish higher standards for achievement, in which case, the higher standards shall apply.

Requirements For Degree

The candidate for an undergraduate degree must consult with the office of the Registrar and the Dean or Chairman of his program concerning completion of requirements for graduation. This consultation should be done three quarters before the expected date of graduation. Students who fail to meet this requirement forfeit any equity in the adjustment of possible errors or omissions in their programs.

Application For Graduation

Application for graduation must be made by each candidate on a form obtainable from the office of the Registrar. The application form should be completed during the Winter registration period. The candidate for a degree from the College must attend the Commencement exercise at which the degree is to be conferred, unless he is officially excused in writing by the Registrar.

Food Services

The College provides a cafeteria and coffee shop in the Student Center. There is also food service in the teaching hospital.

Housing

Residence I and Residence II (Single-Women)

	Air-Conditioned Quarterly	Non Air-Conditioned Quarterly
Single	$150.00	$136.00
Double	$110.00	(not available)

Residence IV

Accommodations for single undergraduate and graduate students. Double $130.00 per student per quarter and single $182.00 per quarter.

Residence V

Apartments for married students.

One-Bedroom Apartment	$100.00 per month
Two-Bedroom Apartment	$115.00 per month

Inquiry should be made to the Housing Office, Room 100, Residence II, Medical College of Georgia, Augusta, Ga. 30902.

Room Refunds

A student withdrawing from the College will be charged a daily rate for room from the beginning of the quarter to the date of withdrawal. Payments for room will not be refunded to a student who, while continuing to be a student at the College, moves off campus.

Audit Fees

Persons desiring to attend courses or lectures without examination or credit may secure an auditor's ticket. Fees for auditors are the same as those for students registered for credit.

Refund of Fees

Official withdrawal from College: Refunds will be made at the end of the quarter in which the withdrawal is made. Students who officially withdraw with a clear record within the time specified after the scheduled date may receive refunds as listed:

Time of Withdrawal	Percent refunded
Not more than one week	80
Not more than two weeks	60
Not more than three weeks	40
Not more than four weeks	20
More than four weeks	0

Financial Assistance For Students

Because the cost of acquiring an education in the health sciences may prevent many students from beginning or completing their studies, the College has developed a program to assist students in financing their education. The College believes that educational opportunities for qualified students should not be controlled by their financial resources. Realistic financial planning is an essential part of college preparation. In selecting students to receive financial assistance the College places primary emphasis on financial need. Academic achievement and promise, and character are also considered.

The College participates in the College Scholarship Service of the College Entrance Examination Board. The College Scholarship Service assists colleges and universities and other agencies in determining the students' need for financial assistance. Students seeking assistance who are currently receiving support from their parents are required to have their parents submit a copy of the Parents' Confidential Statement form to the College Scholarship Service. Independent students (those who are not currently receiving support from or being claimed as Federal income tax dependents by their parents) should instead file the Student Confidential Statement with the College Scholarship Service.

Students desiring more information about financial aid resources should write for the Student Financial Aids Bulletin. This bulletin and an application form on which you may apply for any program that the College administers may be secured by writing the College Financial Aid Office. Information concerning graduate fellowships and assistantships is available from the School of Graduate Studies.

Through funds donated by various individuals and groups the College is able to operate its student loan program. Among the funds that have been established are the following:

Student Loan Fund, established in 1962 by Dr. James Russell Howell.

Eugene E. Murphey Fund, donated by Mr. Byron B. Taggert in honor of Dr. Murphey.

DeLeon Laboratories Fund, donated in 1955 by Mr. Harold Palmer, president of the pharmaceutical firm.

W. K. Kellogg Foundation, the 1942 and 1943 grants which have evolved into a permanent fund.

Carlin Alexander Fund, sponsored by the Phi Rho Sigma Wives Club in memory of a former member.

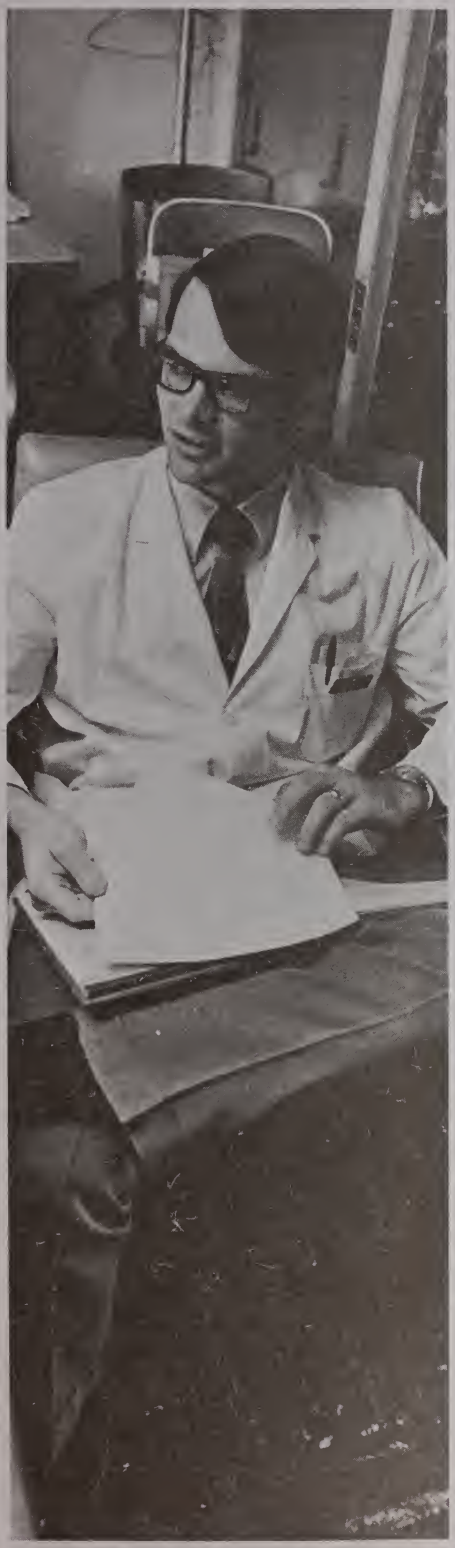
Medical Dames Student Loan Fund, established in 1964 for the benefit of married students.

Virginia N. Dawkins Loan Fund, established in 1970 for the benefit of medical students.

Georgia Pediatrics Society Loan Fund, established in 1959 and funded annually to benefit the loan program.

Medical College of Georgia Foundation Loan Fund, provides funds annually for the student loan program.

Robert C. White Memorial Fund, Established in 1968 in memory of this student.



Student Health Service

Full information on Student Health service is published in a Student Handbook which all students receive following acceptance by the College.

Hospitalization and Insurance Protection.

All full-time students of the College may participate in a group hospitalization and life insurance plan. A Schedule of benefits and costs is given to each student at the beginning of each year.

Classification Of Students As Residents And Non-Residents

1. A student who is under 21 years of age at the time he seeks to register or re-register at the beginning of any quarter will be accepted as a resident student only upon a showing by him that his supporting parent or guardian has been legally domiciled in Georgia for a period of at least twelve months immediately preceding the date of registration or re-registration.
2. In the event that a legal resident of Georgia is appointed as guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fee.
3. If a student is over 21 years of age, he may register as a resident student only upon a showing that he has been domiciled in Georgia for at least twelve months prior to the registration date.

   Any period of time during which a person is enrolled as a student in any educational institution in Georgia may not be counted as a part of the twelve months that the student came into the State and remained in the State for the primary purposes of attending a school.
4. A full-time faculty member of the University System, his or her spouse, and minor children may register on the payment of resident fees, even though such faculty member has not been a resident in Georgia for twelve months.
5. If the parent or legal guardian of a minor changes residence to another state following a period of residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve months' period the student may continue his registration only upon the payment of fees at the non-resident rate.
6. Military personnel and their dependents may become eligible to enroll in institutions of the University System as resident students provided they file with the institution in which they wish to enroll the following:
   (a) A statement from the appropriate military official showing that the applicant's "home of record" is the State of Georgia; and
   (b) Evidence that applicant is registered to vote in Georgia; or
   (c) Evidence that applicant, if under 18 years of age, is the child of parents who are registered to vote in Georgia; and
   (d) Evidence that applicant, or his supporting parent or guardian, filed a Georgia State income tax return during the preceding year.
7. Foreign students who attend institutions of the University System under sponsorship of civic or religious groups located in this state, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
8. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence or who has filed with the proper federal immigration authorities a Declaration of Intention to become a citizen of the United States shall have

the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.

9. Teachers in the public schools of Georgia and their dependents may enroll as students in University System institutions on the payment of resident fees, when it appears that such teachers have resided in Georgia for nine months, that they were engaged in teaching during such nine months' period and that they have been employed to teach in Georgia during the ensuing school year.
10. If a woman who is a resident of Georgia and who is a student in an institution of the University System marries a non-resident of the State, she may continue to attend the institution on payment of resident fees, provided that her enrollment is continuous.
11. If a woman who is a non-resident of Georgia marries a man who is a resident of Georgia, she will not be eligible to register as a resident student in a University System institution until she has been domiciled in the State of Georgia for a period of twelve months immediately preceding the date of registration.
12. Non-resident graduate students who hold assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.

Illegal use, possession, or distribution of narcotics and/or other dangerous drugs.

The following statement of policy is designed to emphasize, in fairness to all members of the College community, the serious and dangerous consequences resulting from the illegal use, possession or distribution of marijuana, lysergic acid diethylamide (LSD), or other mind-altering drugs, and the unauthorized use of drugs, such as amphetamines, barbiturates, and tranquilizers, which are sometimes prescribed for medical purposes.

While there is admittedly much controversy as to whether or not marijuana should be classified as a narcotic or dangerous drug, the fact remains that the possession or transfer (including gifts) of marijuana and LSD is illegal under both federal and state laws and is punishable under either. Under federal laws the first offense involving illegal possession or transfer of marijuana is punishable by imprisonment from two to ten years and a fine of $20,000. Under Georgia law the first offense is a felony and is punishable by imprisonment not to exceed two years, a fine of $2,000 or both, and the loss of certain civil rights. For second and third offenses the penalties are more severe.

It should be especially noted that "any person who, by himself, agent or through any other person, gives, sells, offers for sale, barters, or exchanges with any person any narcotic in violation of the provisions of said Chapter (79A-8, of the Uniform Drug Act) shall be guilty of a felony and upon the first conviction thereof shall be punished by imprisonment in the penitentiary for not less than five nor more than ten years." The penalty for subsequent offenses is a felony punishable by imprisonment for a period of not less than ten and not more than

twenty years with possible life sentence at the discretion of the judge.

Agents of the federal and state governments are engaged in intensive and thorough investigation on a continuing basis throughout the State. The law requires that when a felony is committed the civil authorities shall handle the situation rather than College authorities. Technically the law would say that failure to do so would involve compounding a felony.

Under such circumstances it is clear that the policy of the College must be: "Students involved in civil and criminal offenses will be treated as citizens of the community."

Clearly, the College cannot protect members of its community who commit such offenses. In "Student Freedoms and Responsibilities: A Working Paper," published by the American Association of State Colleges and Universities, it is pointed out that "Students should not expect that university officials will come to their defense for activities committed in violation of civil codes." It ought to be added that this applies to *all* members of the College community.

It should not be inferred from this that the College is indifferent about what happens to members of its community; rather, it has a deep concern for those who may find themselves in violation of the law. It is believed that some may not fully recognize the implications of full accountability and responsibility with regard to drugs, and it is for this reason that this statement is being made.

Cultural And Social Activities

The City of Augusta has a wide variety of cultural and social activities available for students, faculty and staff of the College.

As the "Winter Golf Capital of the World," the city is host each year to the international Masters Golf Tournament.

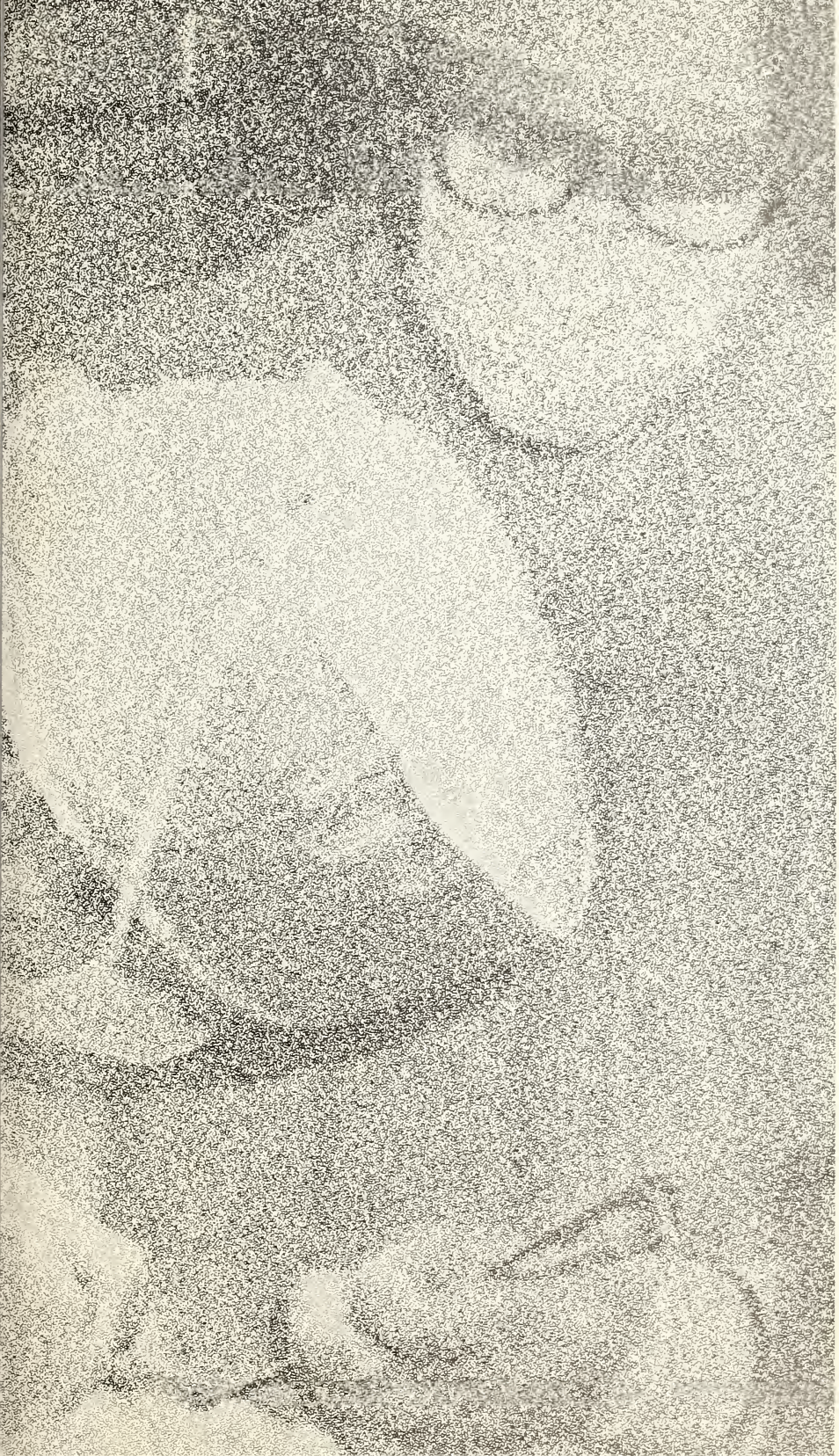
The vast Clark Hill Reservoir on the Savannah River is located near Augusta. There are exceptional facilities for swimming, camping, fishing, boating, picnicking and other outdoor recreational activities at the reservoir.

The College provides tennis courts, facilities for badminton, volleyball and other outdoor sports. A putting green is located near the Student Center Building. The Student Handbook lists recreational activities available in the Student Center.

The Medical Arts Series of the College is one of the many cultural programs available in the city. Some of the groups active in presenting performing art groups are: Famous Artist Series, Junior Woman's Club; Augusta Symphony Orchestra, Augusta Players, Inc., Augusta Opera Association, Inc., Augusta Music Club, Augusta Museum, Augusta Community Concert Association, Augusta College Lyceum Series, Augusta Civic Ballet, Inc., Augusta Choral Society, Paine College, American Association of University Women, American Guild of Organists, American Institute of Architects, Augusta Art Association, Historic Augusta, Inc., Augusta Council of Garden Clubs, Inc. and the Fort Gordon Players.

In and near Augusta there are approximately 175 churches representing 35 religious denominations.

The City of Augusta, second oldest in the state, is located near Aiken, South Carolina, where winter polo and other equestrian sports are popular.



The School of Medicine

School of Medicine Calendar 1971-1972

First Year Class

Orientation	September 1, 1971
Registration	September 1, 1971
Classes Begin	September 7, 1971
Thanksgiving Holidays	November 25-28, 1971
Christmas Holidays Begin	December 20, 1971
Christmas Holidays End	January 2, 1972
Classes Begin	January 3, 1972
Registration	January 4-5, 1972
Registration	March 22-23, 1972
Spring Vacation	April 3-9, 1972
Classes End	May 26, 1972

Second Year Class

Registration	September 2, 1971
Classes Begin	September 3, 1971
Thanksgiving Holidays	November 25-28, 1971
Christmas Holidays Begin	December 20, 1971
Christmas Holidays End	January 2, 1972
Classes Begin	January 3, 1972
Registration	January 4-5, 1972
Registration	March 22-23, 1972
Spring Vacation	April 3-9, 1972
Classes End	May 26, 1972

Third & Fourth Year Classes

Block Begins	May 31, 1971
Registration	June 2, 1971
Third year students off for Part I-National Board Exams	June 10-16, 1971
Block Ends	July 4, 1971
Block Begins	July 5, 1971
Block Ends	August 1, 1971
Block Begins	August 2, 1971
Block Ends	August 29, 1971
Block Begins	August 30, 1971
Registration	September 2-3, 1971
Block Ends	September 26, 1971
Block Begins	September 27, 1971
Block Ends	October 24, 1971
Block Begins	October 25, 1971
Block Ends	November 21, 1971
Block Begins	November 22, 1971
Block Ends	December 19, 1971
Christmas Holidays Begin	December 20, 1971
Christmas Holidays End	January 2, 1972
Block Begins	January 3, 1972
Registration	January 4-5, 1972
Block Ends	January 30, 1972
Block Begins	January 31, 1972
Block Ends	February 27, 1972
Block Begins	February 28, 1972
Registration	March 22-23, 1972
Block Ends	March 26, 1972
Block Begins	March 27, 1972
Spring Vacation	April 3-9, 1972
Block Ends	April 30, 1972
Block Begins	May 1, 1972
Block Ends	May 26, 1972
Graduation	June 3, 1972

This calendar is subject to change.

Admission to the Medical Curriculum

Admission policies as established by the Board of Regents of the University System of Georgia are the responsibility of the Admissions Committee, with consideration for the special requirements of the medical curriculum. The Committee is responsible for the acceptance of all students entering the first, second, or third year classes. Admission with advance standing to the fourth year class is not ordinarily possible.

Regular Students

The applicant for admission to the School of Medicine is considered on the basis of academic performance, appraisals by college instructors, level of achievement on the Medical College Admission Test, and personal qualifications as evaluated by letters of reference and by medical school interviews.

The Admissions Committee makes a searching effort to appraise the potential of individual applicants for accomplishment in medicine, both through the academic record and personal qualifications, as best they can be assessed. Although an analysis of factors which predict success is most difficult, the Committee feels that it must make an effort to evaluate the characteristics of "the track record", in terms of the individual's academic accomplishments and growth as an individual.

Irregular Students

Faculty members holding doctorates in basic medical or biological sciences who wish to qualify for careers in full-time academic or clinical research may enroll as irregular students in special instances.

Requirements for admission as an irregular student are available from the Office of Student Affairs. Before

final acceptance as an irregular student, applicants must obtain approval from the Dean of the School of Medicine for the proposed course of study.

The College assumes no responsibility for future curriculum changes which might alter such programs.

Admission With Advanced Standing

Applicants in good standing in accredited two or four-year medical school will be considered for admission to the appropriate advanced level of the curriculum when student space permits. Details should be obtained from the Office of Student Affairs.

Requirements for Admission

At least three years of work in an approved college.

The minimum requirement is 90 semester hours or 135 quarter hours. The three-year college course, in both quantity and quality, must be acceptable as the equivalent of the first three years leading to the degree of Bachelor of Science or Arts in an approved college of arts and sciences.

Medical College Admission Test (MCAT.)

Applicants are required to take this examination and submit scores to the College as part of their application procedure. The test is given twice each year at most senior colleges. Information concerning it may be obtained from the premedical advisor in most colleges (or from the Psychological Corporation, 304 East 45th Street, New York 10017).

Physical Examination

A satisfactory health report must be submitted to the Office of Student Affairs.

Personal Interviews

Interviews with member of the Interviewing Committee are held by invitation of the Admissions Committee after review of completed application. Such interviews are ordinarily required prior to acceptance.

References

An evaluation of the applicant is required from two persons whose names are submitted on the application as references. In addition, an evaluation from the applicant's premedical advisor is required. Recommendations from other than these required sources are discouraged.

Completion of the Following Courses:

Chemistry (total)	2 years
Inorganic or general (including laboratory	1 year
This should include some work in quantitative analysis.	
Organic (including laboratory)	1 year
Biology (including laboratory)	1 year
General biology and/or zoology	
Physics (including laboratory)	1 year
English	1 year

Electives

An understanding of man, contributory to the wise and solid practice of medicine, can be derived from many disciplines. Students are encouraged to pursue in-depth study in disciplines which are of real interest to them in addition to the required courses. The selection of the areas for in-depth study is not of primary concern to the Committee; many students select natural science as a primary emphasis and others select physical sciences or the humanities. Elective courses may be used to broaden the background of students applying to medical school.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained after July 1, 1971, from the Office of Student Affairs. Applications for the entering class of September, 1972, must be filed by January 1, 1972. No application will be accepted if received after that date. Early application is urged by the Admissions Committee. No application fee is required.

When notified of acceptance, the applicant is required to make a deposit of $50.00 payable to the Medical College of Georgia, the sum to be applied toward payment of fees when the student enrolls. In the event of failure to enroll at the scheduled time, the deposit will be forfeited, except in the case of serious illness.

Discipline and General Regulations

Student discipline at the College is the responsibility of the President and his administrative staff. Students will be liable for disciplinary action should they fail to act in a manner of credit to themselves, the College, and the medical profession as outlined in the "Student Handbook" section on "Student Judicial Procedures."

The Student-Faculty Council acts as an advisory board in student and faculty relations. The Council is composed of five faculty members and nine students. The basic science and clinical departments each are represented by at least two members of the faculty who are elected by the student body for three-year terms. The Council may elect two additional faculty members for a period of one year to represent the administration. The students are represented by the president of the student body and two members from each of the classes. Two student members are elected by the first year class to serve for one year. Two permanent members are elected by the second year class at the beginning of the academic year and serve until graduation. A chairman and a secretary are elected by the Council for terms of one year.

Honor System

Every medical student is expected to maintain a high degree of personal integrity and honor, not only during his years on the campus, but also throughout his practice as a physician. In recognition of this obligation, each student is expected to subscribe to an honor code established by the students of previous years. An Honor Court composed of eight students is nominated by student officers and selected by the Dean at the beginning of each academic year to administer the Honor Code.

Fees and Expenses

Estimated Annual Student Expenses	First Year	Second Year	Third Year	Fourth Year
Matriculation Fee*	825	825	825	825
Student Health fee	30	30	30	30
Student Activities fee	30	30	30	30
Books	250	180	180	180
Uniforms	20	20	20	20
Instruments	225	—	—	—
Microscope	80***	80***	000	000
Housing**	360	360	360	360
Food	600	600	600	600
Personal	500	500	500	500
Total	**2,920**	**2,625**	**2,545**	**2,545**

*Non-Resident Tuition (in addition to matriculation) fee $825 per year.
**See General Information section on available on-campus housing options and costs.
***Cost estimate based on microscope rental plan offered by the College.

Financial Assistance

Additional information and an application form on which to apply for any assistance program administered by the College may be secured by writing the College Financial Aid Office.

Curriculum

The first year curriculum, termed Phase I, is a program with "core" and "elective" portions. The core portion of twenty-seven weeks duration is concerned with molecular, cellular, and human biology. Structure and function of the healthy human being are approached by multidisciplinary teaching by instructional committees composed of members of the Departments of Anatomy, Biochemistry, Physiology, and various clinical departments. To strengthen skills or to extend or deepen knowledge, the student pursues two months of elective courses, chosen from a wide variety of offerings.

The second year, or Phase II of the curriculum, is concerned with the study of the biology of disease. The structural and functional abnormalities which occur in disease are studied in an interdisciplinary program, coordinating microbiology, pharmacology, pathology, and pathologic physiology. Physical diagnosis is taught in relation to the study of pathophysiology. Additional contributions are made by the Departments of Anesthesiology, Biochemistry, Community Medicine, Dermatology, Medicine, Obstetrics and Gynecology, Neurology, Pediatrics, Psychiatry, and Surgery. Following this seventh month core, the student pursues two months of electives.

During Phase III of the curriculum, the student is required to take five basic clerkships to provide adequate fundamental clinical grounding. The twelve-week medical clerkship is taught by the faculties of the Departments of Medicine, Psychiatry, Dermatology, Community Medicine, and Radiology. The eight-week surgical

clerkship is taught by the Department of Surgery, including the subspecialty divisions and the Department of Anesthesiology. In addition, a six-week clerkship is taught by the Department of Obstetrics and Gynecology, a six-week clerkship by the Department of Pediatrics, and a four-week clerkship by the Department of Psychiatry.

The balance of the third and fourth years is filled by elective courses which can be advanced clerkships in the various clinical departments, including Medicine, Surgery, Obstetrics and Gynecology, Psychiatry, Neurology, Pediatrics, Dermatology, Radiology, and Anesthesiology, as well as electives in basic sciences. Research electives are available. Electives may also be taken in other institutions upon approval by the appropriate department of the School of Medicine and the faculty Curriculum Committee.

The biological sciences and clinical sciences are taught by various departments of the School of Medicine. Courses for students of the School of Medicine are listed in this section.

Classification of students: In the School of Medicine, students will be classified as first year, second year, third year or fourth year.

Required Clerkships — Phase III

Med 500. Basic Clerkship in Medicine.
A three-month medical clerkship intended to provide a basic grounding for clinical medicine. It is organized to help students learn to obtain and evaluate information regarding patients by participating in the health care team. The clerkship emphasizes basic approaches to solving problems presented by illness, particularly in the realm of internal medicine.

(Scheduled June, September, December, March)

Obg 500. Clinical Reproductive Biology.
This required basic clerkship of six-weeks duration combines inpatient and outpatient experience in human reproduction and in disorders of the female reproductive system. The student will spend three weeks on the obstetric service and three weeks on the gynecology service at ETMH. Seminars and conferences will be correlated with the Department of Pediatrics and will be scheduled for a 12 week period, covering the time spent on this clerkship and on the required Basic Pediatric Clerkship.

(Scheduled June through May)

Ped 500. Basic Clerkship in Pediatrics.
A six-weeks pediatric clerkship to provide basic grounding in child health and human development. It is organized to help students develop skills in pediatric history taking and physical diagnosis and in the interpretation of laboratory findings in the various age groups, including infancy. Experience will be gained in the approach to children's health problems in a wide variety of settings, including nursery, ward, and outpatient clinics. The recognition of normal developmental patterns as well as the impact of age in the expression of disease will be emphasized.

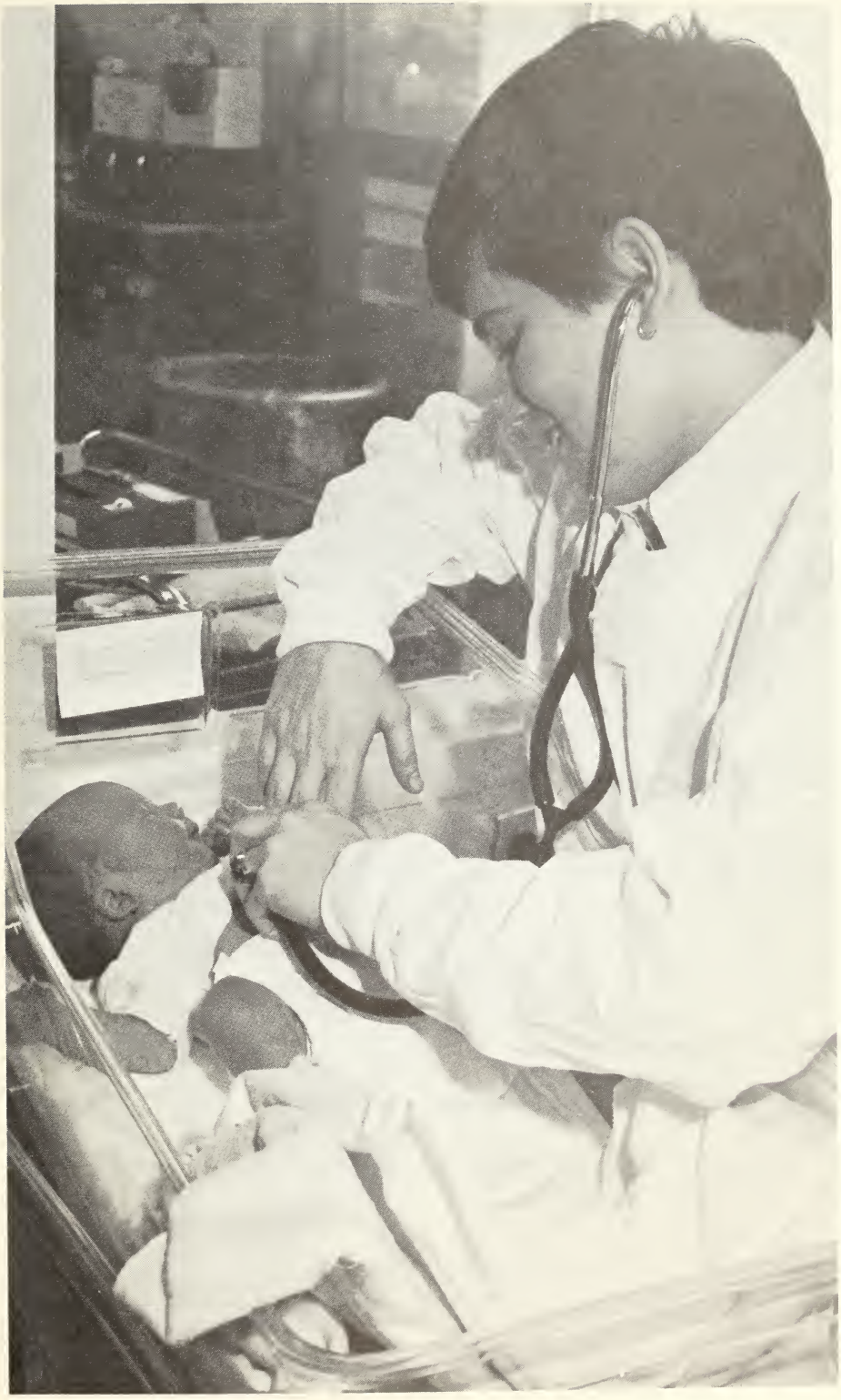
(Scheduled June through May)

Psy 500. Basic Psychiatry.
This required clerkship will provide the student with intensive experience with psychiatric inpatients. With colaberation and guidance of the staff, he will do a complete work-up on assigned patients, including physical examination, mental status, and psychodynamic case formulation. He will then proceed with treatment with emphasis on supervised psychotherapy, but including medication and other therapies as indicated.

(Scheduled June through May)

Sur 500. Clinical Surgery. (Including Anesthesiology and Emergency Medicine)
This eight-week course is the basic course required of all students and is the prerequisite for many surgical electives involving contact with patients. Instruction includes basic concepts of Emergency Medicine and Anesthesiology. Students are assigned patients in General Surgery for total patient care participation, including complete write-ups and participation in operative procedures. They take part in ward rounds, conferences, tumor conferences, journal club, seminars, and informal discussions. Student activities involve both inpatients and outpatients. The course includes "Surgical Techniques", an exercise in which students perform standard operations on anesthetized animals.

(Scheduled June through May)



Anatomy

Acting chairman: Thomas F. McDonald, Ph.D.

Anm 501. Anatomy of Head, Neck and Trunk. (Special Elective)

Anm 502. Histology. (Special Elective)

Anm 503. Anatomy of Extremities. (Special Elective)

Anm 504. Neuroanatomy. (Special Elective)

Anesthesiology

Chairman: Perry P. Volpitto, M.D.

Ans 501. Anesthesiology Four Week Clerkship.

Basic elective in clinical anesthesia. Management of the patient before, during and after anesthesia under supervision of faculty. Lectures, seminars and conferences on shock, inhalation therapy, anesthetic agents, techniques, and management of complications.

Ans 502. Anesthesiology Research Fellowship. (Special Elective)
Clinical research experience in analgesics for postoperative pain, and blood gas studies in ventilatory and respiratory problems during or after anesthesia.

Ans 503. Anesthesiology Teaching Fellowship. (Special Elective)
Opportunity for a student to participate in teaching of principles of Anesthesiology.

Ans 504. Anesthesiology Two-Month Clerkship. (Special Elective)
Closely supervised clinical experience in the administration of anesthesia. Experience similar to that of a resident beginning training. Attendance at all scheduled teaching conferences and seminars.

Ans 505. Anesthesiology Preceptorship. (Special Elective)
Clinical experience in Anesthesiology in an off-campus hospital approved by the American Society of Anesthesiologists.

Cell and Molecular Biology

Chairman: Edward Bresnick, Ph.D.

Cmb 501. Topics in Biochemistry. (Special Elective)

Cmb 502. Medical Parasitology. (Special Elective)

Cmb 503. Experimental Virology. (Special Elective)

Cmb 504. Advanced Immunology. (Special Elective)

Cmb 505. Bacterial Genetics. (Special Elective)

Cmb 506. Diagnostic Bacteriology. (Special Elective)

Community Medicine

Chairman: Glen E. Garrison, M.D.

Required Courses for Medical Students

Community Medicine portion of the multidepartmental core curriculum for sophomore students: This lecture series covers the organization of medical care, the public's expectations relative to medical care, delivery of health services, medical economics, epidemiological methods and their application to selected major diseases, public health, legal medicine, and occupational medicine.

Community Medicine Conferences in the Basic Medicine Clerkship. These conferences cover selected topics in office practice, evaluation of medical care, periodic medical examinations, social and economic aspects of chronic diseases, and organization of medical services.

Electives for Medical Students

1. For freshman and sophomore students.

Cmd 530 — Epidemiological Evaluation of Patient Care.

Cmd 531 — Community Resources for Patient Care.

Cmd 532 — Computer Applications in Medicine.

Cmd 533 — Epidemiological Methodoloy and Applications.

Cmd 534 — Training in Other Institutions.

2. For Junior and Senior Students

Cmd 501 — Family Practice.

Cmd 502 — Medical Care — Organization, Financing, and Evaluation.

Cmd 503 — Public Health.

Cmd 504 — Epidemiological Research.

Cmd 505 — Training in Other Institutions.

Elective Courses for Graduate Students

Cmd 601-602-603 — Introductory and Advanced Techniques in Biomedical Data Processing and Analysis.
(Dr. Richard E. Pgue and John J. Dallman)

Dermatology

Chairman: J. Graham Smith, Jr.

Der 501. Dermatology Clincical Clerkship.

Der 502. Dermatology Research Training Program. (Special Elective)

Endocrinology

Chairman: Robert B. Greenblatt, M.D.

End 501. Elective in Clinical Endocrinology.

End 502. Research in Endocrinology. (Special Elective)

Medicine

Chairman: Alfred J. Bollet, M.D.

Med 501. Substitute Internship at V.A. Hospital. (1 month)

Med 502. Substitute Internship at V.A. Hospital. (2 months)

Med 503. Substitute Internship at University Hospital. (1 month)

Med 504. Substitute Internship at University Hospital. (2 months)

Med 505. Substitute Internship at Fort Gordon Hospital. (1 month)

Med 506. Substitute Intership at Fort Gordon Hospital. (2 months)

Med 507. Rheumatology. (1 month)

Med 508. Rheumatology. (2 months)

Med 509. Hematology.

Med 510. Clinical Endocrinology and Metabolism.

Med 511. Renal Disease.

Med 512. Cardiology at Talmadge Hospital.

Med 513, Cardiology at V.A. Hospital.

Med 514. Gastroenterology at Talmadge Hospital.

Med 515. Gastroenterology at V.A. Hospital.

Med 516. Medical Chest.

Med 517. V.A. Medical Chest Service.

Med 518. Infectious Disease.

Med 519. Electronics in Medicine.

Med 520. Preceptorship in Internal Medicine.

Med 521. Preceptorship in Renal Medicine.

Med 522. Off-campus Elective.

Med 523. Research Elective in Medicine.

Med 524. College Health.

Med 525. Physical Medicine.

Med 526. Research in Clinical Endocrinology and Metabolism.

Med 527. Community Hospital Elective.

Neurology

Acting Chairman: Harold Collings, Jr., M.D.

Neu 501. Basic Clerkship in Neurology.

Neu 502. Advanced Clerkship in Neurology.

Neu 503. Advanced Clerkship in Neurology.

Neu 504. Advanced Clerkship in Neurology.

Neu 505. Clerkship in Neurology.

Neu 506. Tutorial. (Special Elective)

Neu 507. Preceptorship in Neurology. (Special Elective)

Neu 508. Preceptorship in Neurology. (Special Elective)

Obstetrics and Gynecology

Chairman: William A. Scoggin, M.D.

Obg 501. Off-Campus Elective in Clinical Ob-Gyn. (Special Elective)

Obg 502. Obstetrics and Gynecology. (University Hospital)

Obg 503. Obstetrics and Gynecology. (University Hospital)

Obg 504. Obstetrics and Gynecology. (Ft. Gordon)

Obg 505. Obstetrics and Gynecology. (Ft. Gordon)

Pathology

Chairman: Leland D. Stoddard, M.D.

Pth 501. Anatomic Pathology. (Special Elective)

Pth 502. Current Autopsy Case Studies. (Special Elective)

Pth 503. Exfoliative Cytology. (Special Elective)

Pth 504. Experimental Thrombosis. (Special Elective)

Pth 505. Laboratory Microbiology. (Special Elective)

Pth 506. University Hospital Pathology Laboratory. (Special Elective)

Pth 507. Experimental Cancer Research. (Special Elective)

Pth 508. Lesions of the Myocardium: Correlation of Histochemical and Clinical Observations. (Special Elective)

Pth 509. Investigation of Ring Fibers and Myoendothelial Cells in Various Lesions of the Spleen. (Special Elective)

Pth 510. Nuclear Medicine. (Special Elective)

Pth 511. Investigation of Myoid Material in Bile Canaliculi and Ducts in Hepatic Disease. (Special Elective)

Pth 512. Surgical Pathology. (Special Elective)

Pth 513. St. Francis Pathology Laboratory. (Special Elective)

Pth 514. Athens General Hospital Pathology Laboratory. (Special Elective)

Pth 515. St. Mary's Hospital Pathology Laboratory. (Special Elective)

Pth 516. Newberry County Hospital, Pathology and Radiology. (Special Elective)

Pth 517. Upson County Hospital, Pathology and Radiology.

Pathology — Phase II

The second-year teaching program in Pathology is a coordinated part of the Phase II plan. It is hoped that the students learn to make accurate and appropriate observations, to analyze them in relation to each other, and to come to conclusions about disease processes. The case-teaching method is used in seminar groups of 14 students. Case teaching is also carried on in the current autopsy programs of the Eugene Talmadge Memorial, the St. Joseph's, the University, and the Deans Committee Veterans Administration Hospitals. There are lectures and conferences.

Pediatrics

Chairman: Alex F. Robertson, M.D.

Ped 501. Pediatric Clerkship.

Ped 502. Neonatology Clerkship and Newborn Follow-Up.

Ped 503. Ft. Gordon Pediatric Clinic.

Ped 504. Clerkship in Intensive Care of the Fetus and Newborn.

Ped 505. Pediatrics Preceptorship. (Special Elective)

Ped 506. Comprehensive Health Clinic. (Children & Youth)

Ped 507. Comprehensive Health Clinic. (Children & Youth)

Ped 508. Mental Retardation.

Ped 509. Mental Retardation.

Ped 510. Multidisciplinary Approach to the Child with a Birth Defect.

Ped 511. Neonatal and Pediatric Hematology.

Ped 512. Neonatal and Pediatric Hematology.

Ped 513. Pediatric Specialty Clinic.

Ped 514. Pediatric Specialty Clinic.

Ped 515. Pediatric Research. (Special Elective)

Ped 516. Neonatology Research. (Special Elective)

Ped 517. Research in Developmental Biology. (Special Elective)

Ped 518. Pediatric Cardiology.

Ped 519. Pediatric Cardiology.

Ped 520. Clinical Allergy.

Ped 521. Respiratory Illness in Children.

Ped 522. Respiratory Disease Research. (Special Elective)

Pharmacology

Chairman: Raymond P. Ahlquist, Ph.D.

Phm 501. Clinical Pharmacology. (Special Elective)
Tutorial program in principles of clinical pharmacology.

Phm 502. Teratology Laboratory. (Special Elective)
Commonly used clinical drug of students choice will be evaluated for potential teratogenicity by use of the pregnant hamster or rabbit.

Phm 503. Molecular Mechanisms of Drug Action. (Special Elective)
Readings and discussions on drug action at the receptor level and how the organism can alter drug action prior to and after the drug receptor complex has formed.

Phm 504. Neonatal and Infant Pharmacology. (Special Elective)
A study of drug distribution, metabolism and elimination in the neonate and infant. Emphasis will be placed on the immature enzymic processes as they relate to drug metabolism.

Phm 505. The Adrenergic Receptor: General & Clinical Studies. (Special Elective)
A one-month course of study concerning the background and practical utilization of concepts regarding alpha and beta adrenergic receptors. The student will progress by means of tutorial discussions, selected library readings and laboratory exercises. The goal of the elective is to increase the student's knowledge in one area of drug investigation and application.

Phm 506. Pharmacology of Cardiovascular Drugs: Experimental & Clinical. (Special Elective)
The course will consist of didatic presentations, laboratory experience, assigned readings, conference sessions, and individual presentations. The student will be expected to read and interpret data obtained in the laboratory and report his interpretations in the conference.

Phm 507. Phase III Elective Program. (Special)
The student will be given the opportunity to review through discussions and readings, certain aspects of pharmacology and will be expected to correlate this knowledge with his clinical experience in drug use. The student will then be given major responsibility in planning, preparing, and leading one pharmacology conference per month for Phase II students. Students will meet with instructors for a minimum of 10 hours per month. The remainder of the time will be spent in independent study and conference preparation.

Physiology

Acting Chairman: Larry J. O'Brien, Ph.D.

Phy 501. Topics in Physiology. (Special Elective)

Psychiatry

Chairman: E. J. McCranie, M.D., Ph.D.

Psy 501. Behavioral Therapy Research Elective. (Special Elective)

Psy 502. General Psychiatry Tutorial. (Special Elective)

Psy 503. Personality Development and Child Psychiatry. (Special Elective)

Psy 504. Psychophysiology Research Elective. (Special Elective)

Psy 505. Adolescent Psychiatry.

Psy 506. Adolescent Psychiatry.

Psy 507. Child Psychiatry.

Psy 508. Child Psychiatry.

Psy 509. Clinical Clerkship. (Special Elective)

Psy 510. General Outpatient Psychiatry.

Psy 511. Psychosomatic Medicine.

Radiology

Chairman: Mark D. Brown, M.D.

Rad 501. Diagnostic Radiology.

Rad 502. Radiobiology. (Special Elective)

Rad 503. Radiobiology. (Special Elective)

Rad 504. Advanced Clerkship in Diagnostic Radiology. (Special Elective)

Rad 507. Clerkship in Radiation Therapy. (Special Elective)

Surgery

General Surgery

Chairman: William H. Moretz, M.D.

Sur 501. Clerkship.
Working with patients in preoperative, intraoperative and postoperative care, and participating in all regularly scheduled teaching, patient care and research conferences of General Surgery.

Sur 502. Research Elective. (Special Elective)
An area of mutual interest to the student and his supervisor will be selected and the student will outline his research project, carry it out under the supervision and submit a report of his work toward the end of the project.

Sur 503. Tutorial. (Special Elective)
Individual students may elect to study in depth, for a period of one to two months, any specific area in surgery under the guidance of the faculty member most familiar with that specific area. A thesis or report on the subject chosen is a necessary part of this elective.

Sur 504. Preceptorship. (Special Elective)
Clinical experience with individual private practice preceptor, in his office, operating room, and hospital.

Sur 505. Off-Campus Experience. (Special Elective)
An off-campus experience in some phase of surgery in some other medical school or institution for a period of one to two months.

Sur 506. Special Surgical Clerkship.
Designed to introduce the student in some depth to several areas of surgery. Two-week rotations, with an occasional four week rotation, are available in: 1) Emergency Room (U.H.); 2) General Surgery; 3) Neurosurgery; 4) Ophthalmology; 5) Orthopedics; 6) Thoracic/cardiac; 7) Urology and 8) Anesthesiology.

Sur 507-508. Kidney Transplantation.
Students will assist with care of patients having renal transplants.

Sur 509. The Burn Wound: Some Physiologic aand Biophysical Aspects. (Special Elective)
A study of the burned wound, its permiability and a study of those chemical components of the wound surface which are of clinical importance.

The Department of Surgery has six divisions. They are General Surgery, Neurosurgery, Ophthalmology, Orthopedics, Thoracic/Cardiac and Urology. Each division offers a clerkship, a research elective, a tutorial elective, a preceptorship, and most offer an off-campus elective. The description of the content of the elective is the same as that for General Surgery.

Neurosurgery

Sur 511. Neurosurgery Clerkship.

Sur 512. Neurosurgery Research Elective. (Special Elective)

Sur 513. Neurosurgery Tutorial. (Special Elective)

Sur 514. Neurosurgery Preceptorship. (Special Elective)

Sur 515. Neurosurgery Off-Campus Experience. (Special Elective)

Ophthalmology

Sur 521. Ophthalmology Clerkship.

Sur 522. Ophthalmology Research Elective. (Speical Elective)

Sur 523. Ophthalmology Tutorial. (Special Elective)

Sur 524. Ophthalmology Preceptorship. (Special Elective)

Sur 525. Ophthalmology Off-Campus Experience. (Special Elective)

Orthopedics

Sur 531. Orthopedic Clerkship.

Sur 532. Orthopedics Research Elective. (Special Elective)

Sur 533. Orthopedics Tutorial. (Special Elective)

Sur 534. Orthopedics Preceptorship. (Special Elective)

Sur 535. Orthopedics Off-Campus Experience. (Special Elective)

Sur 536. Hand Surgery. (Special Elective)

Thoracic and Cardiac

Sur 541. Thoracic and Cardiac Clerkship.

Sur 542. Thoracic and Cardiac Research Elective. (Special Elective)

Sur 543. Thoracic and Cardiac Tutorial. (Special Elective)

Sur 544. Thoracic and Cardiac Preceptorship. (Special Elective)

Urology

Sur 551. Urology Clerkship.

Sur 552. Urology Research Elective. (Special Elective)

Sur 553. Urology Tutorial. (Special Elective)

Sur 554. Urology Preceptorship. (Special Elective)

Sur 555. Urology Off-Campus Experience. (Special Elective)

Curriculum Bulletin

The courses offered are not limited to those listed above, and new courses are frequently introduced into the curriculum. It is possible that some of the courses listed may be withdrawn from the curriculum with the approval of the Curriculum Committee and the Dean of the School of Medicine. Course descriptions can be found in the Phase III Curriculum Bulletin, a copy of which may be obtained by writing to the Curriculum Office, School of Medicine.

Special Programs

Guest Lecturers

Throughout the year, distinguished physicians and scientists from other schools and from overseas visit the various departments of the Medical College of Georgia and participate in the departmental teaching programs.

Distinguished lecturers address the whole school each year.

In addition, the following special lectureships are held: (1) The Aaron Brown Memorial Lecture, sponsored by Phi Delta Epsilon Fraternity; (2) The Alpha Lecture, sponsored by the honor fraternity; (3) The Sydenstricker Lecture, in honor of the late Dr. Virgil P. Sydenstricker, a distinguished member of the faculty for many years, sponsored by the Student American Medical Association.

Research Fellowships

The Medical College of Georgia has an extensive summer research fellowship program in which students work closely with faculty investigators on specific problems. The program is administered through the Office of the Assistant Dean for Basic Sciences.

This is an elective, but important, component of the students' educational experience, allowing them to participate in research and to develop an understanding of the methods, philosophies, and problems involved.

Each Spring, selected papers are presented at Student Research Day exercises. Prizes are awarded, and the best papers selected for presentation at national meetings.

Scholarship and Promotion

Promotion of students from one year to the next is dependent upon the satisfactory completion of each year's work. Promotions are considered on the basis of recommendations by individual instructors, on department evaluations, and on students' total records, including National Board Examinations, when given.

The faculty has the obligation and right to determine the methods of evaluation by performance or by examination, and to evaluate each student individually. Comprehensive oral examinations may be scheduled at the end of the second and fourth years on the advice of the Promotion Board.

Requirements For Graduation

The degree of Doctor of Medicine is awarded to candidates who have successfully completed the prescribed course of study. Evaluation of the members of the graduating class is similar to that for each of the other classes.

The College awards the degree of Doctor of Medicine only to those candidates for graduation who are at least 21 years of age. The Promotion Board must be satisfied that the candidate has completed acceptably four years of medical study in accredited institutions, and that he will be a credit to the medical profession.

At least his final two years of study must have been at this school.

The College reserves the right to require one year internship before awarding the degree of Doctor of Medicine to any student.

Affiliated Hospitals Program

The School of Medicine has developed a number of affiliations with community hospitals around the State of Georgia. These affiliations are aimed primarily at widening the educational experiences of our students by providing them with educational opportunities in general medicine and the specialty fields at the affiliated community hospitals. By participating in these training programs the student will gain experience, insight, and perspective into the practice of high quality medical care as it exists in private practice and these community hospitals.

The required clerkships in clinical medicine are organized to make optimal use of the clinical facilities in the Augusta area. These clerkships accordingly are situated in the Eugene Talmadge Memorial Hospital, the University Hospital (city-county hospital), the Veterans Administration Hospital and the Georgia Regional Hospital.

Elective programs in community hospitals and the family practice preceptorships are available to students who have completed the nine months of required clerkships in the Phase III Curriculum. A total of four months of elective training may be spent in community hospitals or off-campus preceptorships. Students selecting one of the off-campus electives will be provided with room, board, traveling expenses and $50.00 per month of incidental expense money. Electives are available in Savannah at the Memorial Medical Center; in Columbus at the Medical Center; the Macon Hospital in Macon, and the county hospitals located in Dublin and Waycross, Ga., and Newberry, S.C. In Augusta, electives are available at the University Hospital and at the Fort Gordon Army Hospital.

Family Practice

The School of Medicine is in the process of planning and developing a Family Practice Program. This program is envisioned to include medical student and resident training programs to prepare young physicians for careers as personal primary physicians practicing family medicine. It is hoped that the program will be operational by July 1972.

Physician Augmentation Program

William H. Chew, M.D., Director and Coordinator

In the fall of 1970 the School of Medicine initiated an experimental curriculum for the basic sciences with 16 students in the test group. The opportunity to develop a special curriculum evolved because of the commitment to accept 16 additional students in the fall class of 1970 and the six month delay in completion of the new basic science building.

The curriculum is an experiment in medical education designed with an emphasis on learning by giving the students varied experiences in different learning environments using a disease and patient problem approach. All of the 136 entering freshman in 1970 were informed of the project and asked if they wished to volunteer. From the 62 volunteers 16 students were selected using a table of random numbers. Random selection was utilized in order to give each volunteer a fair and equal opportunity to be selected.

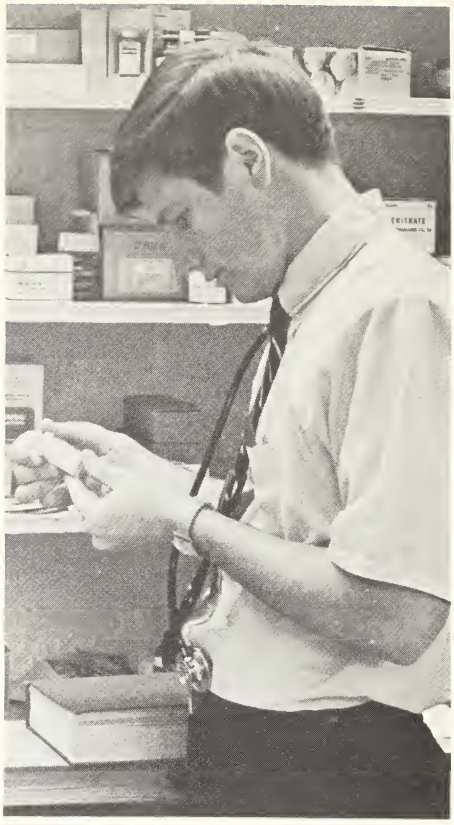
The special curriculum is of 18 months duration and conforms to the classic September to June session for two years. There are no separate traditional courses in anatomy, biochemistry, microbiology, pathology, pharmacology, and physiology but the basic material in each of these disciplines is covered. The program used 110 patient problems which are presented in a planned sequence. Each patient problem provides a logical and orderly progression from the clinical problem to the basic science concepts necessary for solving or understanding the clinical problem. This approach makes multidiscipline teaching possible and necessary, and emphasizes utilization of information.

Alpha Omega Alpha

A chapter of this honorary scholastic fraternity in medicine was established at the College in 1926. Each year, students of the third and fourth year classes are nominated on the basis of academic excellence, and elections are held by active members of the chapter.

Postdoctoral Training Programs

The College has internship and residency programs which have been approved by the Council on Medical Education and Hospitals of the American Medical Association. The teaching hospital of the College, Eugene Talmadge Memorial Hospital, is the parent hospital for these programs, but intergration and/or affiliation with the University Hospital, Augusta; the Veterans Administration Hospitals, Augusta; Battey State Hospital, Rome; Georgia Regional Hospital, Augusta; and the Macon Hospital, Macon; may be included. A brief outline of the various training programs is given below. Applicants seeking residency training may apply either to the departmental chairman or to the Director of Hospital & Clinics.



Internships

(Applicants should register with the National Intern Matching Program, 2530 Ridge Avenue, Evanston, Illinois 60201.)

Medicine

Professor and Chairman: Alfred Jay Bollet, M.D.

The Medical Internship is a straight service consisting of eight months on the general Medical Wards, one month

in the Emergency Room (at the University Hospital) and three months elective.

Obstetrics and Gynecology

Professor and Chairman: William A. Scoggin, M.D.
Four Rotating Internships are offered by the Department of Obstetrics and Gynecology. The internships have a mandatory assignment of at least four months of Obstetrics-Gynecology and at least four months of Medicine.

Pathology

Professor and Chairman: Leland D. Stoddard, M.D.
The Straight Internship in Pathology is offered to recent graduates whether or not they have decided about later training. The intern's experience is like that of a first-year resident. His study of human disease is excellent preparation for any clinical field. If he decides to continue in Pathology, it is a year saved that can be spent later in special research training. An elective in one of the clinical disciplines may be arranged. The Internship program is affiliated with the University Hospital.

Pediatrics

Professor and Chairman: Alex F. Robertson, M.D.
Four Straight Internships are available. The year is spent on the general Pediatric Wards of the Talmadge Hospital and in the outpatient clinic. There is a three-month elective period.

Surgery

Professor and Chairman: William H. Moretz, M.D.
Four Straight Surgical Internships are offered. Eight months of the year are devoted to Surgery, primarily General Surgery, although two months may be spent in a Surgical subspecialty. One or two months in the Emergency Room may also come from the eight months of Surgery. Four elective months are provided and may be spent in Medicine, Pediatrics, or Pathology.

Rotating Internships

Sixteen Rotating Internships are offered and are of two types: Rotating [3] and Rotating [9] as listed in the American Medical Association Directory of Approved Internships and Residencies.

Rotating [3] Internships are discussed in the Obstetrics and Gynecology section.

Rotating [9] Internships offer any of the Programs from Rotating [0] through Rotating [8]. The Rotating Program al-

lows maximum latitude of choice in the content of the intern's year since four months of Internal Medicine is the only specific requirement. Such latitude will require special counseling for each applicant to ensure that the program selected best suits his long range plans. The required months of Medicine will be divided between the Talmadge and Veterans Administration Hospitals. Twelve positions are available.

Inquiries about STRAIGHT or ROTATING [3] INTERNSHIPS should be directed to the appropriate Department Chairman.

Inquiries about the ROTATING [9] INTERNSHIPS should be sent to the College's Intern Selection Committee.

Residencies

Anesthesiology

Prerequisite: a minimum of one year internship. A two or three year residency training is offered all in the teaching hospital. The two-year program is basically clinical training Anesthesiology. The three-year program offers in addition a total of one year of variable time on electives such as cardiology, cardiopulmonary laboratory, pharmacology, physiology, anatomy, etc. If the resident desires, he may spend part of the entire year in research activities. (Perry P. Volpitto, M.D.)

Dermatology

The residency training program in Dermatology is for three years with emphasis on both clinical and basic scientific aspects of cutaneous medicine. Patients are seen in out-patient clinics at the Talmadge, University, and Veterans Administration Hospitals. There are ten inpatient beds at the Talmadge Hospital and beds are available at the V.A. Hospital on a "need basis." Training is graduated, with increased responsibility in the care of patients accruing throughout the program. Regular weekly conferences include Dermatology Grand Rounds, histopathology conference, basic science seminar, journal club and didactic conferences. In order to develop the critical capacity necessary to evaluate advances in Dermatology, residents rotate through the research laboratories for periods of two to twelve months fulltime during their training, and are required to complete a clinical or laboratory research project during the three year training period. (J. Graham Smith, Jr., M.D.)

Internal Medicine

A straight medical internship which allows an elective period and emergency room experience is offered. There also is a complete three-year residency program integrated with the University Hospital and the Veterans Administration Hospital, providing full training in the field of Internal Medicine and its subspecialties. Fellowships are available in cardiology, cardiovascular research, hematology, infectious disease, endocrinology and metabolism, gastroenterology, renal diseases, rheumatology, pulmonary disease and clinical nutrition. Training rounds and conferences are held daily for house officers and students. (Alfred Jay Bollet, M.D., and staff.)

Neurology

The neurology residency training program is approved for the full three years; two residents are appointed each year. The chief goal of the training program is the development of clinical neurologists competent in the care of patients with diseases of the nervous system. The first year is spent on the neurology inpatient service; the second year is spent in rotations in neuropathology, psychiatry, EEG and EMG laboratories, and a three-month elective period. Six months of the third year are spent in

charge of the neurology outpatient clinics and consultations, and six months are spent as Chief Resident supervising the inpatient service. During the three years, the resident participates in organized study of basic neurosciences, has an active role in teaching medical students and junior residents, and is given increasing responsibilities in management of patients under the supervision of faculty members of the Division of Neurology. (Harold Collings, Jr., M.D.)

Obstetrics and Gynecology

A four-year residency program is offered. Residents spend a minimum of three years (18 months in obstetrics and 18 months in gynecology) in the department with progressive responsibility each year that fulfills the requirements for Board eligibility. One year may be spent outside the department and might include three-month rotations through urology, endocrinology, medicine, general surgery, pathology, and research. The program is academically oriented and designed to prepare the resident for clinical practice. Residents are expected to participate in student teaching and assist on research projects. The residency program rotations include both the teaching hospital and the University Hospital. (William A. Scoggin, M.D.)

Pathology

The training program offers one year of internship and five years of residency. The resident physician participates in research, the student teaching program, and in the department's autopsy, surgical, pathological, and clinical pathological services. One to three years may be spent in full-time research. Three fellowships in pathology are supported by a research training grant from the National Institutes of Health. Places are available to persons preparing for academic pathology, the practice of pathology, and to those who may desire a year or more of training in pathology in preparation for another discipline. The residency program is affiliated with University Hospital. (Leland D. Stoddard, M.D.)

Pediatrics

A straight internship is offered. The residency program consists of two years, the second year being affiliated with the University Hospital. A third year residency is available if desired. One year of internship is a prerequisite. Fellowships for work or research in special areas may be arranged. (Alex F. Robertson, M.D.)

Psychiatry

The Department has a fully approved three-year residency program in psychiatry. Detailed information about the program may be obtained on request. (E. James McCranie, M.D.)

Radiology

A three-year residency program is offered for which a year of internship is prerequisite. (Mark D. Brown, M.D.)

Surgery Residencies

General Surgery

An integrated program including the teaching hospital, University Hospital, and the Veterans Administration Hospital. This program is four, four and one-half, or five years in length, with prerequisite of one-year internship. There is graduated responsibility with a wide range of patient problems. Ten to 12 first-year residents, and four to six residents at each more advanced level. Not pyramidal. (William H. Moretz, M.D.)

Neurosurgery

A five-year program with prerequisite of one-year internship and one year general surgery residency or one year straight surgical internship, five residents. Residents serve in the teaching hospital, University Hospital, or Veterans Administration Hospital. (Marshall B. Allen, M.D.)

Ophthalmology

A three-year residency program in ophthalmology is offered with training at the teaching hospital with rotations at University Hospital and Veterans Administration Hospital. Training in all types of ophthalmic surgery is included. A three-month basic science course in ophthalmic surgery is required before finishing the residency. (Robert P. Thomas, M.D.)

Oral Surgery — Dentistry

A three-year internship-residency program in oral surgery is offered at the Eugene Talmadge Memorial Hospital in conjunction with University and Veterans Administration Hospitals. The objective of the program is the education of a skilled clinician, competent in all phases of oral surgery practice, and capable of satisfying the requirements of the American Board of Oral Surgery. The educational requirements of the Board are advanced study in oral surgery for a period of three years, including comprehensive study of the basic biomedical sciences as they relate to oral surgery, and a progressively graduated sequence of approved hospital experience of not less than two years duration. The basic biomedical sciences are presented mainly during the first year accompanied by some clinical activity. The final two years are largely clinical in nature with a significant time devoted to instructional cases, conferences and seminars. The dental departments of the affiliated hospitals have been approved by the Council on Hospital Dental Service of the American Dental Association and preliminary provisional approval has been received for the oral surgery internship-residency program. (Richard G. Topazian, D.D.S.)

Orthopedic Surgery

A three-year program. Prerequisites include a year of internship and one year of general surgery residency training. Primarily serve in the teaching hospital with affiliation in University Hospital and Veterans Adminis-

tration Hospital. Six residents, two at each residency level. (Floyd E. Bliven, Jr., M.D.)

Thoracic Surgery

A two or three-year program. Prerequisites include internship and four years of general surgery residency (with chief residency). Primarily in teaching hospital with rotations through Battey State Hospital, Rome, Georgia, and Veterans Administration Hospital, Augusta. Four residents. (Robert G. Ellison, M.D.)

Urology

A three-year program with prerequisites of one-year internship and one year in a field basic to urology (usually a year in general surgery). Serve in the teaching hospital. Four residents. (J. Robert Rinker, M.D.)

Continuing Education

The objective of continuing education is to preserve and increase professional knowledge and competence throughout the entire career of professional health workers. The Division of Continuing Education in close cooperation with other departments at the College has the responsibility for developing and promoting educational activities to assist professional health workers in maintenance and further development of their skills.

Types of Courses

1. Campus Symposia

Numerous courses lasting from one to five days are presented each year.

2. Physicians Continuing Education Series

In several selected cities throughout Georgia a series of one-day medical symposia are presented each year.

3. Intermittent Courses

Each session of these courses usually lasts a few hours, and sessions are held at specified times over a period of months.

4. Special Technic Workshops

Workshops in laboratory, diagnostic, and therapeutic procedures offer enrollees an opportunity to obtain practical experience.

5. Clinical Traineeships

Experience in wards or laboratories for periods of one week or longer is offered by special arrangement with the chairman of the department concerned and the Division of Continuing Education.

Program Announcements

Prior to each course, brochures describing the topics, faculty, meeting place, time, and registration fees are mailed to the group of professional health workers for whom the course was developed.

Credits

Instruction presented in this program is not designed to give credit toward specialty qualification or academic degrees.

Attention is given to the requirements of the American Academy of General Practice, and attendance at most courses is accepted for credit by the Academy.

Fees

The enrollment fees for continuing education courses are listed separately for each course and are based on guest faculty participation, hours of instruction, and equipment required.

Residents, interns, medical students, and College faculty may attend most courses without fees. Certain courses are restricted and have limited enrollment. (Glen E. Garrison, M.D.)

The School of Dentistry

School of Dentistry Calendar 1971-1972

Fall Quarter, 1971

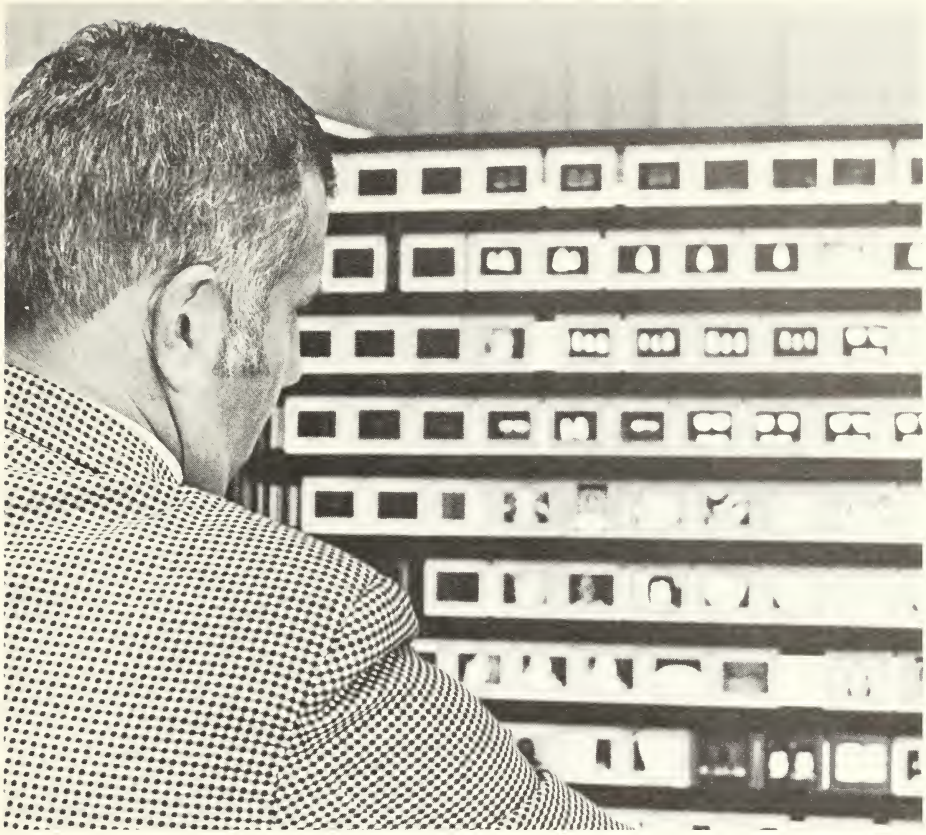
August 30, 1971	Residence halls open
September 15, 1971	Registration for first year students Student Center 4:00-5:00
September 16, 17	Orientation for first year students
September 20	Classes begin for first year students
October 1	Registration and equipment issue for second and third year students: Registrar's Office 3:00-5:00
October 4	Classes begin for second and third year students
November 25-28	Thanksgiving Holidays
December 17	Classes end for **ALL** students Christmas Holidays begin

Winter Quarter, 1972

January 3, 1972	Classes begin for **ALL** students
January 5	Registration for **ALL** students Registrar's Office 3:00-5:00
March 17	Classes end for **ALL** students

Spring Quarter, 1972

March 20	Classes begin for **ALL** students
March 22	Registration for **ALL** students Registrar's Office 3:00-5:00
April 3-7	Spring recess
June 9	1972 classes end for **ALL** students



School of Dentistry

Dean: Judson C. Hickey, D.D.S.

Associate Dean: Thomas J. Zwemer, D.D.S.

Philosophy

Dentistry is one of the important health professions, bonded by common goals and objectives. The dentist, the physician, and the health scientist share in contributing to the total health of the individual and his community.

The dentist, in this concept, must have specific knowledge of and skills in the diagnosis, prevention, and treatment of diseases associated with the oral cavity, as well as a biological understanding of oral health and disease in terms of total health and disease. Furthermore, he must be able to correlate both areas of knowledge to fulfill his role and effectively communicate with colleagues in all health professions.

An understanding of the scientific method is necessary for the dentist to evaluate proposed methods of diagnosis, prevention, and treatment and to aid in the development of new, sound and effective methods. Finally, he must have a sense of obligation to serve individual and community needs.

With these concepts representing its philosophy, the purpose of the College's School of Dentistry is to educate students to accept and to discharge competently the responsibilities of preserving individual and community health.

Objectives

The School of Dentistry has set before it the objectives of teaching, research, and service that are common to all institutions of higher learning. In specific relation to the School of Dentistry they may be stated as:

1. To educate dentists and the broad spectrum of allied personnel required to provide for the present and future oral health needs of the total community.
2. To foster and conduct active research programs in basic and applied areas of dentistry as well as supporting experimentation and innovations in the art and science of dental education.
3. To provide preventive, diagnostic, and therapeutic dental services to citizens of the State of Georgia in cooperation with other health and educational related organizations, and in accordance with the available physical facilities and teaching faculty of the School of Dentistry.

Application and Admission Requirements

Requirements

1) American Dental Association Admissions Test (given in October, January and April)
2) Personal Interview by invitation
3) Two years of college is a minimum, including completion of the following college courses:

	Quarter Hours	Semester Hours
English	10	6
Inorganic Chemistry	10	6
Organic Chemistry	5	3
Biology or Zoology	10	6
Physics	10	6

Please Note:

These are minimum requirements as

Fees and Expenses

Estimated Annual Student Expenses	First-Year (12 months)	Second-Year (12 months)	Third-Year (9 months)
Matriculation fee*	1100	1100	825
Student health fee	40	40	40
Student Activity fee	40	40	40
Books	175	200	125
Instruments	1400	700	250
Uniforms	20	20	20
Housing**	520	520	390
Food	800	800	600
Personal, miscellaneous	650	650	500
Totals	**4,745**	**4,070**	**2,770**

*Non-Resident Tuition (in addition to matriculation fee) $275 per quarter.
**See General Information section for various on-campus housing options.

specified by the American Dental Association. Great emphasis will be placed on academic performance during selection procedure. Majors in social sciences, psychology, and humanities will be given equal consideration with those in biology and physical sciences.

Application

The first class of dental students was accepted in 1969. Class size will be 56 students for September, 1971. Application forms will be available July 1 and must be submitted by the following March 31. Both men and women will be considered for acceptance

Curriculum

Design and Emphasis

The pre-doctoral curriculum offered by the Medical College of Georgia School of Dentistry will require four academic years and will lead to the D.M.D. degree. The curriculum will initially emphasize the basic sciences with an expanding emphasis upon the clinical sciences. Courses in the fundamental principles within each basic science discipline, coupled with early clinical exposure, will enable the student to make a lasting correlation of the basic and clinical sciences. The student's knowledge and familiarity with the basic sciences will be reinforced with applied courses in each discipline. This early and continuing correlation is designed to educate the student to respect biological systems and to develop a basic understanding of the response of tissue to stimuli.

The expanding needs of society must be anticipated with emphasis on preventive dentistry and community health. The academic divisions of biologic sciences, clinical sciences, and preventive dentistry and community

health will be interrelated throughout the curriculum. Courses relating to principles of public health dentistry, epidemiology of caries and periodontal disease, statistical methods, behavioral aspects of patient populations, dental ethics, and jurisprudence will be a meaningful part of the curriculum. Practical field experiences will be arranged for dental students in epidemiologic, preventive, and other appropriate community activities. Preventive dentistry will be the over-riding theme of all clinical disciplines.

First Year Courses

Biochemistry
Cariology
Cell and Molecular Biology
Dental Radiology
Dental Terminology
Ecology of Dentistry
Maturation and Ageing
Occlusion
Operative Dentistry
Oral Diagnosis and Treatment Planning
Oral Disease Control Program
Orientation and History of Dentistry
Periodontics
Removable Partial Dental Prosthodontics
Status and Ethics of Contemporary Dentistry

Individual Student Development

Each student will have opportunities for development and expression in specific areas of his interest and ability. Four-weeks will be set aside each year in which elective courses and other structured situations will be available to students interested in academic pursuits. Students will be encouraged to contribute to the field of research and education. Those students demonstrating superior clinical ability and interest will be challenged with more complex technical and clinical problems. The student with motivation in the social aspects of the profession will be further challenged in preventive and community dentistry projects.

The Student and the Health Team

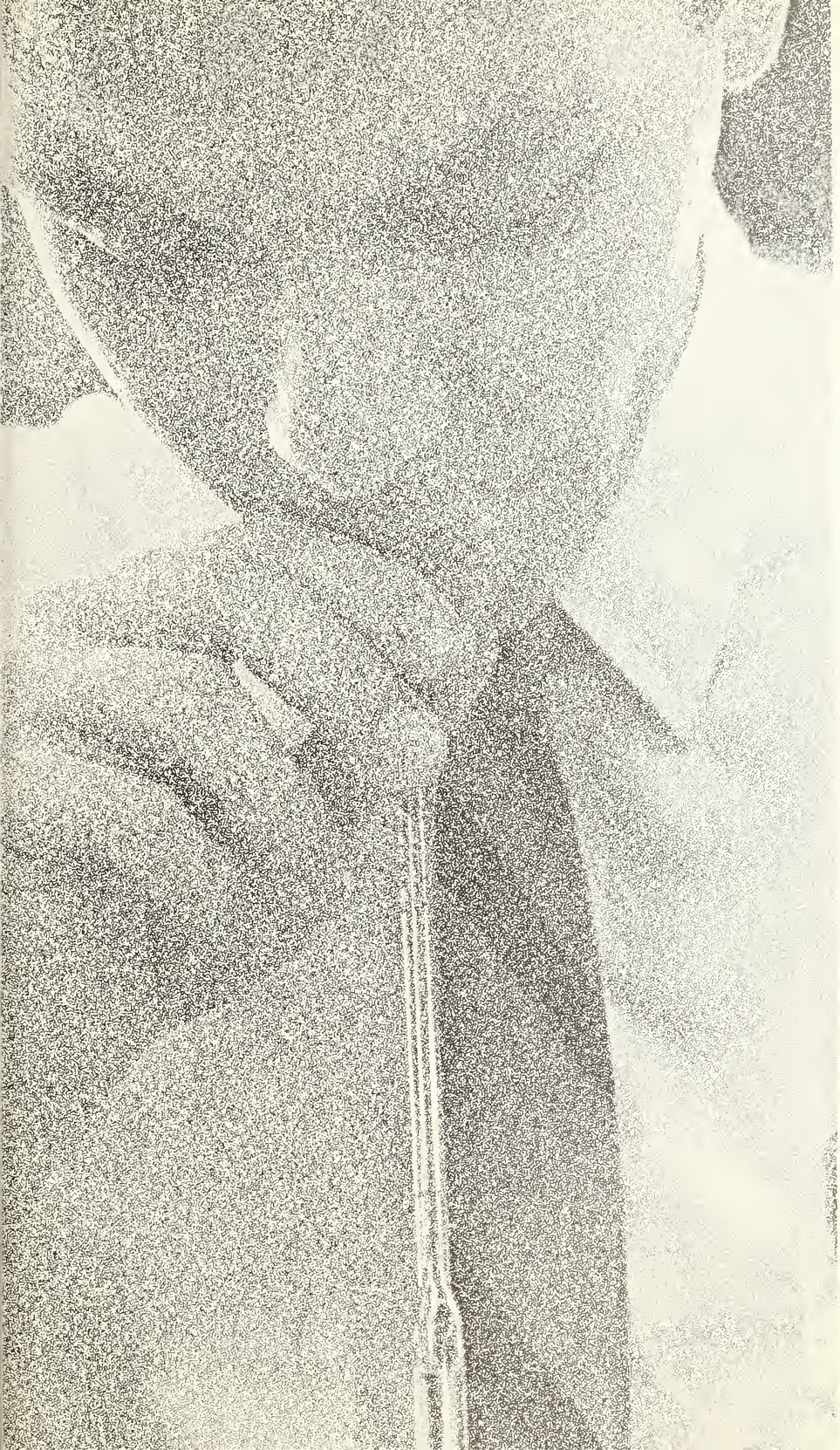
The use of auxiliary personnel will be stressed as a realistic method of preparing the student for the efficient practice of dentistry. The clinical design will simulate a group practice environment with dental assistants, hygienists, and technicians playing an active role in comprehensive patient care. The close academic and physical relationship with the School of Medicine and the teaching hospital will provide an awareness of associated medical sciences and hospital orientation throughout all four years. This emphasis is desirable in preparing the student not only for contemporary practice, but for the future evolution of the profession.

The Student and Research

The dental student will have opportunity to participate in faculty research projects in both basic and clinical areas. He will be encouraged to design and carry out projects of his own as well. The student also will be encouraged to participate in graduate, post graduate, and continuing education courses offered at the College and other dental schools within the United States as a part of the elective program.

Methods of Instruction

The curriculum of the School of Dentistry will be structured around a learning-oriented environment rather than the traditional teaching-oriented situation. Seminars and conferences, taking precedence over the lecture as a vehicle to stimulate independent thought, will give opportunity for expression and interchange upon the part of each student. Self-instructional materials will be used whenever possible to individualize instruction and preparation.



The School
of
Graduate
Studies

School of Graduate Studies Calendar 1971-72

Fall Quarter, 1971

Residence halls open	August 30
Registration (Graduate students studying Anatomy)	Sept. 1
Registration	Sept. 15
Orientation	Sept. 16-17
Classes begin for 1st year students (50 class days)	Sept. 20
Last day for late registration and class changes	Sept. 22
Registration and Equipment issue for 2nd & 3rd students	Oct. 1
Classes begin for 2nd & 3rd year students	Oct. 4
Mid-term: Last day to drop a course without penalty	Oct. 25
Thanksgiving recess	Nov. 25-28
Last day of classes	Dec. 3
Examinations	Dec. 7-10
Term ends	Dec. 10

Winter Quarter, 1972

Last day to file applications for new admissions	Dec. 13
Registration	Jan. 3
Classes begin (50 class days)	Jan. 4
Last day for late registration and class changes	Jan. 6
Saturday will be a regular class day for the Monday schedule through the 9th period	Jan. 8
Mid-term: Last day to drop a course without penalty	Feb. 7
Last day of classes	Mar. 10
Examinations	Mar. 11, 13-15
Term ends	Mar. 15

Spring Quarter, 1972

Last day to file applications for new admissions	Feb. 28
Registration	Mar. 20
Classes begin (50 class days)	Mar. 21
Last day for late registration and class changes	Mar. 23
Saturday will be a regular class day for the Monday schedule through the 9th period	Mar. 25
Mid-term: Last day to drop a course without penalty	April 21
Last day of classes	May 26
Examinations	May 27, 29-31
Term ends	May 31
Graduation	June 3

Summer Quarter, 1972

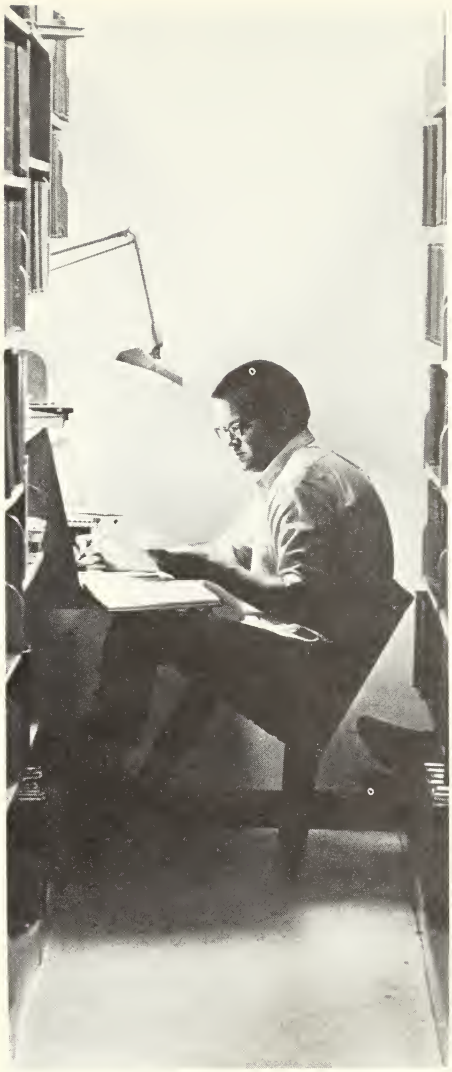
Last day to file applications for new admissions	May 22
Registration	June 12
Classes begin (48 class days)	June 13
Last day for late registration and class changes	June 14
Independence Day Holiday	July 4
Mid-term: Last day to drop a course without penalty	July 16
Last day of classes	Aug. 18
Examinations	Aug. 19. 21-23
Term ends	Aug. 23

School of Graduate Studies

Dean: F. J. Behal, Ph.D.

Council: The Graduate Council is composed of faculty members appointed by the Dean to represent each of the fields participating in the graduate program.

Faculty: The members of the graduate faculty are indicated by an asterisk preceding their names in the General Faculty list in the back of the Catalog.



Objectives

The objective of the School of Graduate Studies is to provide education at the graduate level to meet the needs of the rapidly expanding life, medical and health sciences. It offers the superior student an opportunity to realize the full extent of his capabilities and to gain the intimate acquaintanceship with the fundamental concepts of his field that will enable him to achieve the highest degree of competence in his chosen discipline.

Since graduate study is a full time endeavor in a protracted program that is expensive in terms of faculty and other crucial resources, primary consideration will be given to those applicants having as their career objectives the completion of a course of study leading to the Doctor of Philosophy degree or a professional Master's degree at the College.

Degrees

The College is authorized by the Board of Regents of the University System of Georgia to grant advanced general and professional degrees through its School of Graduate Studies.

Doctor of Philosophy

This advanced general degree is one of the highest conferred by the College. It is a research degree and is not conferred solely as a result of a prescribed period of study, nor will it be conferred upon the completion of any definite amount of work described in advance. Rather, it will be conferred in recognition of proficiency in research, breadth and soundness of scholarship, and thoroughness of acquaintance with a specific field of knowledge as determined by the graduate faculty. Evidence of such attainment must be provided through the passing of such written and oral examinations as may be required and through the presentation of an acceptable dissertation based upon independent research. This degree will be conferred on candidates who have met the requirements for it in the fields of Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology and Physiology.

Master of Science

This advanced general degree is a research degree and will be conferred on candidates who have met requirements for it in the fields of Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology and Physiology.

Master of Science in Medical Illustration

This advanced professional degree will be conferred on candidates who have met requirements for it in the field of Medical Illustration.

Master of Science in Nursing

This advanced professional degree will be conferred on candidates who have met requirements for it in the field of Nursing.

Admission Requirements

The following are required of each applicant for admission to the School of Graduate Studies.

The Doctor of Philosophy and Master of Science degree programs

1. A bachelor's degree or equivalent from an accredited college or university.
2. Adequate preparation in the field of proposed graduate study, as determined by the graduate faculty in that field.
3. Satisfactory scores on the Aptitude Test and the Advanced Test of the Graduate Record Examination.
4. A satisfactory physical examination.

The Master of Science in Medical Illustration degree program.

1. A Bachelor of Science in Medical Illustration degree conferred by the College or an equivalent degree, as determined by the graduate faculty of the Department of Medical Illustration.
2. Adequate preparation in the field of Medical Illustration, as determined by the graduate faculty in that field.
3. A satisfactory admission examination.
4. A satisfactory physical examination.

The Master of Science in Nursing degree program

1. A Bachelor of Science in Nursing degree or its equivalent from an accredited college or university having a program comparable to the Bachelor of Science in Nursing program of the College.
2. Adequate preparation in the field of Nursing, as determined by the

graduate faculty in that field.

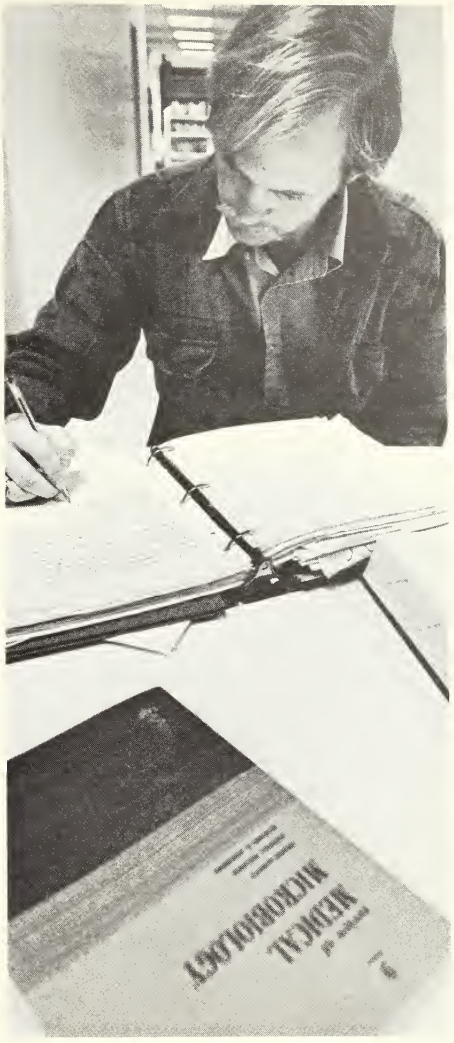
3. Evidence of current registration or licensure to practice nursing in one or more states.
4. Satisfactory scores on the Aptitude Test of the Graduate Record Examination and the National League for Nursing Graduate Nurse Examination.
5. A satisfactory physical examination.

Instructions for Applicants

Send (or direct) all application materials (application form, application, supplement, transcripts, physical examination report and GRE scores) and requests for financial aid to the College's Dean of the School of Graduates Studies. A complete application consists of the following four items.

Completed Application Form and Application Supplement Form for those Seeking Admission to the School of Graduate Studies.

Make certain that in the References Section you give the names and complete addresses of three professors qualified to assess your potential as a graduate student **in the field you have selected.** In addition, if you have already undertaken some graduate study, also give the name(s), title(s) and complete address(es) of the head(s) of the department(s) where you have been or are a graduate student. The School of Graduate Studies office will send Reference Report forms directly to the persons you designate. Make certain you include your social security number in the space provided (foreign nationals exempted) and that you complete both forms. Submission of a photograph is optional with the applicant.



Transcript(s)

Official transcripts of all previous and current college, graduate or professional studies must be received before applications are considered. Transcripts must be received directly from school(s) attended.

Physical Examination Report

Request the examining physician to make his report on the form supplied. Physical examination reports must be received directly from the physician making the examination.

Graduate Record Examination (GRE) Scores

The Aptitude Test and Advanced Test (either chemistry or biology) scores are required of all applicants except as follows: Applicants to the Master's program in Nursing will submit scores on the GRE Aptitude test, and on the N.L.N. Graduate Nurse Examination (in place of the GRE advanced test). Applicants to the Master's program in Medical Illustration are required to take an Admission Test administered by the Department of Medical Illustration in place of the Graduate Record Examination. Applicants should take the GRE in their senior undergraduate year as early as possible, preferably at one of the Fall administrations rather than Winter or Spring administrations. Indicate that you wish your scores to be sent to the Dean of the College's School of Graduate Studies. Do not have your scores sent to a Department within the School of Graduate Studies.

Final selection of students for admission is subject to the discretion of the Dean of the School of Graduate Studies. Letters of acceptance will be sent by the Dean.

Registration

All students begin registration at the School of Graduate Studies office. Prior to completion of registration at the Registrar's office, the academic program of the student is planned in consultation with the student's major professor or with the student's major department chairman before selection of a major professor. Changes in registration are recognized and valid only if they have been made with the consent of the major professor, the Dean and the Registrar.

An applicant's registration and class attendance constitute an agreement on the part of the applicant to comply with the rules and regulations of the College as published in the Catalog and other offical publications of the College during the student's continued enrollment.

A student's continued enrollment in the School of Graduate Studies is subject to the decision by the Dean and other designated officers that academic grades and progress are satisfactory, that rules of the College are being complied with and that the best interests of the school and of other students are being served.

Auditors may take graduate courses, but no academic credit is allowed. Auditors pay usual tuition and laboratory fees.

Fees and Expenses

Please see General Information section on Fees and Expenses and for additional information on deposits, housing and other costs.

Fees for students enrolled for 12 quarter hours or more

Matriculation-Graduate Students / **$135.00 per quarter**

Non-Resident Tuition (in addition to matriculation fee) See General Information on State Residence Policy: Graduate Students / **$180.00 per quarter**

Fees for students enrolled for less than 12 quarter hours

Matriculation-Graduate Students / **$11.00 per quarter hour**

Non-resident tuition (in addition to matriculation fee) for students enrolled less than 12 quarter hours / **$15.00 per quarter hour**

Scholastic Regulations

Classifications on Graduate Students

Students may be admitted to the School of Graduate Studies under either of the following classifications:

1. Regular Graduate Student. A student who is admitted to the School of Graduate Studies, and who wishes to earn an advanced general degree or advanced professional degree. Such a student, however, is not specifically considered either a Doctoral or Masters student until he or she has met the requirements for candidacy for a particular degree. (See degree requirements below).
2. Special Graduate Student. A student who is admitted to the School of Graduate Studies and who does not wish to earn an advanced degree, or who is admitted conditionally and who may later be re-classified as a Regular Graduate Student upon satisfaction of such conditions as may be specified. Transfer from this category to "Regular Graduate Student" status is never automatic.

Examinations

No re-examinations are allowed in the individual courses. Re-examination in the Comprehensive, Preliminary, or Final Oral Examinations may be allowed if recommended by the majority of the examining committee and if the Dean concurs.

All credit is expressed in quarter hours. An academic year is composed of three quarters. Only those courses for which a grade of "2" or better (or Cr on 900 courses) is received may be credited toward satisfaction of any degree requirement. Students who receive the grade "In" will have one quarter in which to complete the work for the course and remove this grade or it will be changed to "O", automatically at the end of the first quarter following receipt of the "In". Continuation of study in good standing in the School of Graduate Studies in contingent on the maintenance of a minimum cumulative weighted quality point average of 2.8 in the 600, 700 and 800 courses. A student whose quality point average falls short of 2.8 will be automatically placed on academic probation in which case the student must maintain a weighted quality point average greater than 3.0 on 600, 700, and 800 courses for two consectutive quarters, in order to remove the probation. A graduate student will not be eligible for graduation unless his official College transcript shows that he has an overall weighted quality point average of 2.8 on all the 600, 700 and 800 (graduate) courses that he has taken at this institution.

Grades

The School of Graduate Studies uses the following grading system:

Grade	Description	Quality Points
For 600, 700 and 800 courses		
4	Passing, work of very good or excellent quality.	4
3	Passing, work of good quality, commendable, but not outstanding.	3
2	Passing, work of acceptable but not commendable quality. A majority of the student's grades must be above 2.	2
0	Failing, work of unsatisfactory quality.	0
WP	Withdrawn Passing	Not computed
WF	Withdrawn Failing	Not computed
In	Incomplete	Not computed
Au	Auditor	Not computed
For 900 courses		
Cr	Credit for participation in seminar (901-2-3) or credit for conduct of research (921 or 930)	Not computed
In	Incomplete	Not computed
Ncr	Performance in seminars or research of such quality that no credit is given.	Not computed
W	Withdrawn	Not computed

Graduate Credit

In no instance may a graduate student apply toward a graduate degree course credits earned in programs leading to professional degrees, i. e., M.D., M.B., D.D.S., D.M.D., D.V.M. or similar degrees. Only those students who are formally admitted to the School of Graduate Studies under one of the two classifications above may register for graduate courses.

No person on the faculty of the College having academic rank above Instructor may become a candidate for the Doctor of Philosophy degree at this institution.

Acceptance of Graduate Credit by Transfer

Transfer of graduate credit is never automatic; any credits transferred do not reduce the residence requirement for any advanced degree.

In the case of a prospective Ph.D. candidate entering the School of Graduate Studies with a Master's degree from another institution, the candidate shall pass an examination on his major subject and thesis during the first quarter of residence if credit for any pertinent portion of the Master's coursework (30 quarter hours maximum usually allowed) is to be applied to the Ph.D. The transfer of any coursework beyond the Master's level is a matter for negotiation between the student, his major department and the Dean. In general, no more than 60 quarter hours may be transferred toward the Ph.D., under any circumstances.

At the discretion of the Dean the faculty of the major department, up to ten quarter hours credit toward a Master's degree may be transferred.

In all cases any graduate coursework to be transferred must have the final approval of the Dean.

Major Professor

A student will choose a member of the graduate faculty to serve as major professor.

Supervisory Committees

(Dissertation, Thesis, Graphic Project or Master's Paper) A Supervisory Committee, composed of a student's major professor (who will serve as chairman) and a number of other faculty members appointed by the Dean guides a student in planning his program of study and research. When a student submits his program of study (coursework outline), this committee will review it and indicate what modifications, if any, are necessary. Similarly, this committee will review and indicate what modifications, if any, are necessary, when the student submits his plan of research. This committee must approve the program of study and the research plan before they may be submitted to the Dean.

The "readers" copies of the student's Dissertation, Thesis, Graphic Project or Master's Paper will be distributed to the members of this committee, who will inform the Dean whether or not they find it acceptable for the purpose of administering the Final Oral Examination. The Supervisory Committee will have the responsibility for administering the Final Oral Examination.

Residence and Time Limit

The minimum requirement for the Doctor of Philosophy degree is three full academic years beyond the Bachelor's degree. It cannot be satisfied through summer work alone. At least three full consecutive quarters immediately prior to completion of degree requirements must be spent in residence on the campus. If the student has part-time duties (employment or a teaching assistantship), the residence requirements will be increased accordingly to provide the equivalent of three quarters of full-time study in residence. All coursework and other requirements for the Doctor of Philosophy degree except the Final Oral Examination must be completed within six consecutive calendar years.

The minimum residence requirement for all Master's degrees is one full academic year. All work credited toward a Master's degree must be completed within five consecutive calendar years.

Fellowships, Traineeships, Assistantships

The fellowships and assistantships offered by the School of Graduate Studies of the College are listed below. Further information concering them is available from the School of Graduate Studies office.

Medical College of George Graduate Fellowships

These carry stipends of $2800-$3400 per year and are awarded to outstanding students. Holders of these fellowships are required to enroll for full-time graduate study.

National Defense Education Act Graduate Fellowships

These carry a stipend of $2400-$2800 per year plus a dependency allowance and provide tuition and other required matriculation fees. Holders of these fellowships are required to enroll for full-time graduate study.

National Science Foundation Graduate Traineeships

These carry a stipend of $2400-$2800 per year plus a dependency allowance and provide tuition and other required matriculation fees. Holders of these

traineeships are required to enroll for full-time graduate study.

National Institutes of Health Graduate Traineeships

These carry a stipend of $2400-$3000 per year and provide tuition and other required fees. Holders of these traineeships are required to enroll for full-time graduate study.

Medical College of Georgia Graduate Assistantships

These carry a stipend of $2600-$3000 per year plus certain other benefits.

Graduate Research Assistantships

The stipend range is from $2400 $3000 per year and certain other benefits. A minimum of one-third time in service is required.

Degree Requirements

Doctor of Philosophy

1. **Graduate Study** / A minimum of three academic years of full-time graduate study beyond the Bachelor's degree is required.
2. **Residence** / A minimum of three consecutive quarters of full-time study or the equivalent in residence on this campus is required.
3. **Program of study and Research Proposal** / A program of study for the Ph.D. and research plan proposed as the basis for a dissertation which has been approved by the student's Supervisory Committee and the Dean is required.
4. **Foreign Languages** / Reading knowledge of two foreign languages is required. French, German, English and Russian are recommended. Another language or a demonstrated ability to communicate (program) in a computer language may be substituted if it has greater relevance to the candidate's program of study, but such substitution must be recommended by the major professor and approved by the Dean. The native language of the candidate may not be used to fulfill a language requirement.
5. **Preliminary Examination** / Satisfactory performance on the Preliminary Examination is required. This examination is a rigid and comprehensive test of a student's scholarly competence and knowledge, of his acquaintance with the scholarship in his field, and of his powers of bibliographical criticism. It is prepared and administered by a committee appointed by the Dean of the School of Graduate Studies. It will be composed of four written portions given on successive days and it may have a final oral portion. It is the student's responsibility, when in his judgment he is prepared to take this examination, to petition the School of Graduate Studies office in writing for its administration. In the event of failure, the Preliminary Examination may be taken only once more after not less than six months of further study, if recommended by a majority of the examining committee and if the Dean concurs. A student must have submitted an acceptable program of study for the Ph.D. before he is eligible to take the Preliminary Examination.
6. **Admission to Candidacy for the Doctor of Philosophy Degree** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he has met requirements 3, 4 and 5 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be

credited toward a degree until he is admitted to candidacy for an advanced degree. A student must be eligible for candidacy for the Ph.D. at least three quarters before the proposed graduation date.

7. **Application for graduation** / Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee.
8. **Dissertation** / A dissertation based on original investigation which gives evidence of independent thinking, scholarly ability and critical judgement and indicates familiarity with research methods and techniques is required. Directions for preparation of the dissertation are available in the School of Graduate Studies office. At least four weeks before the proposed date of graduation, three typewritten copies of the completed dissertation must be submitted to the School of Graduate Studies. These are then submitted to the members of the Supervisory Committee who, after reading the dissertation, will notify the Dean whether they find it acceptable for the purpose of examining the student.
9. **Final Oral Examination** / Satisfactory perforamance on the Final Oral Examination in which the student defends his dissertation before his Supervisory Committee is required. This examination is based primarily on the dissertation and the field of knowledge that constitutes the student's major subject. This examination is open to the public and all members of the Graduate Faculty are invited to attend. After a successful Final Oral Examination, three final copies of the dissertation must be deposited with the School of Graduate Studies. Each copy must bear the approval signature of the major professor (chairman of the Supervisory Committee) and the Dean.
10. Satisfactory fulfillment of any additional requirement of the student's major department, or the institution is required.

Master of Science (Plan A)

1. **Graduate Study** / Forty-five quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of thirty quarter hours must be allocated to graduate coursework in or related to the major field, at least ten of these hours to be in "800 level" courses.
2. **Residence** / One full academic year in residence is required.
3. **Program of Study and Research Proposal** / A program of study and a research plan proposed as a basis of a thesis, which has been approved by the Supervisory Committee and the Dean is required.
4. **Foreign Language** / Reading knowledge of one foreign language is required. French, German, English and Russian are recommended. Another language or a demonstrated ability to communicate (program) in a computer language may be substituted if it has greater relevance to the candidate's program of study, but such substitution must be recommended by the major professor and approved by the Dean. The native language of the candidate may not be used to fulfill a language requirement.
5. **Admission to Candidacy for the Master of Science Degree** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he has met requirements 3 and 4 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he is admitted to candidacy for an advanced de-

gree. A student must be eligible for candidacy for the M.S. at least one quarter before the proposed graduation date.

6. **Comprehensive Examination** / Satisfactory performance on a comprehensive examination covering the major field of the student is required. This examination must be passed at least one quarter before the proposed date of graduation; it may be written, oral or both.

7. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee.

8. **Thesis** / A thesis based on original investigation is required. Directions for preparation of the thesis are avialable in the School of Graduate Studies office. At least three weeks before the proposed date of graduation, three typewritten copies of the completed thesis must be submitted to the School of Graduate Studies. These are then submitted to the members of the Supervisory Committee who, after reading the thesis, will notify the Dean whether they find it acceptable for the purpose of examining the student.

9. **Final Oral Examination** / Satisfactory performance on the Final Oral Examination in which the student defends his thesis before his Supervisory Committee is required. This examination is open to the public. After a successful examination, three copies of the final thesis must be deposited with the School of Graduate Studies. Each copy must bear the approved signatures of the major professor (chairman of the Supervisory Committee) and the Dean.

10. Satisfactory fulfillment of any additional requirements of the student's major department, or the institution is required.

Master of Science (Plan B)

This degree is designed for those who have, or are in the process of earning, a professional degree such as the M.D., D.D.S. or D.V.M.

1. **Graduate Study** / Forty-five quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of fifteen quarter hours must be allocated to advanced coursework (800 series) in or related to the major field. No course of the 600-700 series or an equivalent course, nor any course that the student used to satisfy any requirement for a professional degree or an equivalent course may be used to satisfy this requirement. Thirty quarter hours of the required forty-five are to be allocated to seminars (901, 902 and 903), problems (921) and research (930) for the thesis.
2. Satisfactory compliance with the remaining requirements for this degree which are indentical to requirements 2 through 10 inclusive for the Master of Science degree (Plan A) described above.

Master of Science in Medical Illustration

1. **Graduate Study** / Forty-five quarter hours of graduate study beyond the Bachelor's degree is required. A minimum of thirty quarter hours is to be allocated to coursework in or related to the major field.
2. **Residence** / One full academic year in residence is required.
3. **Program of Study and Graphic Project Proposal** / A program of study and an outline of the work proposed as a basis for a thesis or graphic project which has been approved by the Supervisory Committee and the Dean is required.
4. **Admission to Candidacy for the Master of Science Degree in Medical Illustration** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he has met requirement 3 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he is admitted to candidacy for an advanced degree. A student must be eligible for candidacy for the M.S.M.I. at least one quarter before the proposed graduation date.
5. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee.
6. **Thesis or Graphic Project** / A thesis or graphic project is required. Directions for preparations of the thesis or graphic project are available in the School of Graduate Studies office. At least three weeks before the proposed date of graduation, three typewritten copies of the completed thesis or graphic project must be submitted to the School of Graduate Studies. These are then submitted to the members of the Supervisory Committee who, after reading the thesis or graphic project, will notify the Dean whether they find it acceptable for the purpose of examining the student.
7. **Final Oral Examination** / Satisfactory performance on the Final Oral Examination in which the student defends his thesis or graphic project before his Supervisory Committee is required. This examination is open to the public. After a successful examination, three copies of the final thesis or graphic project must be deposited with the School of Graduate Studies. Each copy must bear the approval signatures of the major professor (chair-

man of the Supervisory Committee) and the Dean.

8. Satisfactory fulfillment of any additional requirements of the student's major department or the institution is required.

Master of Science in Nursing

1. **Graduate Study** / Sixty quarter hours of graduate study beyond the Bachelor's degree is required. A minimum or thirty quarter hours must be allocated to graduate coursework in or related to the major field.
2. **Residence** / One full academic year in residence is required.
3. **Program of Study and Research Proposal** / A program of study and a research plan proposed as a basis of a master's paper, which has been approved by the Supervisory Committee and the Dean is required.
4. **Admission to Candidacy for the Master of Science Degree in Nursing** / A student will be admitted to candidacy for this degree by the Dean of the School of Graduate Studies when he or she has met requirement 3 for this degree. A student may take various courses after admission to the School of Graduate Studies, but there is no commitment that these courses will be credited toward a degree until he or she is admitted to candidacy for an advanced degree. A student must be eligible for candidacy for the M.S.N. at least one quarter before the proposed graduation date.
5. **Comprehensive Examination** / Satisfactory performance on a comprehensive examination is required. This examination must be passed at least one quarter before the proposed date of graduation; it may be written, oral or both.
6. **Application for Graduation** / Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee.
7. **Thesis** / A thesis is required. Directions for preparation of a thesis are available in the School of Graduate Studies office. At least three weeks before the proposed date of graduation, three typewritten copies of the completed thesis must be submitted to the School of Graduate Studies. These are then submitted to the members of the Supervisory Committee who, after reading the thesis, will notify the Dean whether they find it acceptable for the purpose of examining the student.
8. **Final Oral Examination** / Satisfactory performance on the Final Oral Examination in which the student defends his thesis before his Supervisory Committee is required. This examination is open to the public. After a successful examination, three copies of the final thesis must be deposited with the School of Graduate Studies. Each copy must bear the approval signatures of the major professor and the Dean.
9. Satisfactory completion of any required courses and fulfillment of any additional requirements of the student's major department, or of the institution is required.

Anatomy

(Acting) Chairman: Thomas F. McDonald, Ph.D.
Recommended preparation: An undergraduate major in zoology or a major in chemistry or physics with a minor in zoology (at least three basic courses).
Departmental requirements: In general, the 700 courses are prerequisite to registration in 800 and 900 courses.

Anm 701. Gross Anatomy. (10 hours.)
A lecture and laboratory course which requires participation in a satisfactory dissection of the human body.

Anm 703. Neuroanatomy. (4 hours.)
A study of the gross and microscopic structure of the human nervous system and organs of special sense.

Anm 801. Comparative Vertebrate Morphology. (5 hours.)
A course in which the systems of the vertebrate body are considered phylogenetically. Various representative vertebrate animals are dissected.

Anm 802. Comparative Vertebrate Histology. (4 hours.)
A comparative study of the vertebrate tissues and organs.

Anm 803. Animal Cytology. (4 hours.)
Physico-chemical study of protoplasm, cellular constituents, and their role in cell physiology.

Anm 804. Cytology and Cytogenetics. (4 hours.)
Methods and mechanics of cell division, structure and function of chromosome, nuclear and chromosome chemistry, genes, chromosomal aberrations.

Anm 805. Endocrinology. (4 hours.)
Consideration of comparative vertebrate morphology, function and interrelationships of the endocrine glands. Laboratory work includes a problem.

Anm 806. Microanatomic Technique. (3 hours.)
Basic principles and practices employed in the preparation of tissues for histological and histochemical examination.

Anm 807. Embryology. (4 hours.)
Fundamental principles of mammalian development.

Anm 808. Advanced Embryology. (4 hours.)
Detailed consideration of germ cell production and fertilization implantation sex determination, and an introduction of experimental and chemical embryology. Human embryological sections and dissections are used.

Anm 809. Fetal and Infant Anatomy. (4 hours.)
Dissection and study of the newborn.

Anm 810. Analysis of Development. (2 hours.)
Seminar for the review and discussion of recent literature in morphogenesis designed to broaden the concept of problems in development and differentiation.

Anm 811. Genetics. (3 hours.)
Demonstrations of the principles of human heredity.

Anm 812. Anatomy and Physiology of the Nervous System. (4 hours.)
Gross and microscopic anatomy of the central and autonomic nervous system; consideration of current research and special equipment for physiological and anatomical investigation.

Anm 813. Histology. (8 hours.)
A study of the cells, tissues and the organs of man as related to their function.

Anm 814. Cellular Ultrastructure and Electron Microscopy. (5 hours.)
Basic techniques for preparation of biological material, operation of the

electron microscope, photography and interpretation of electron micrographs are present.

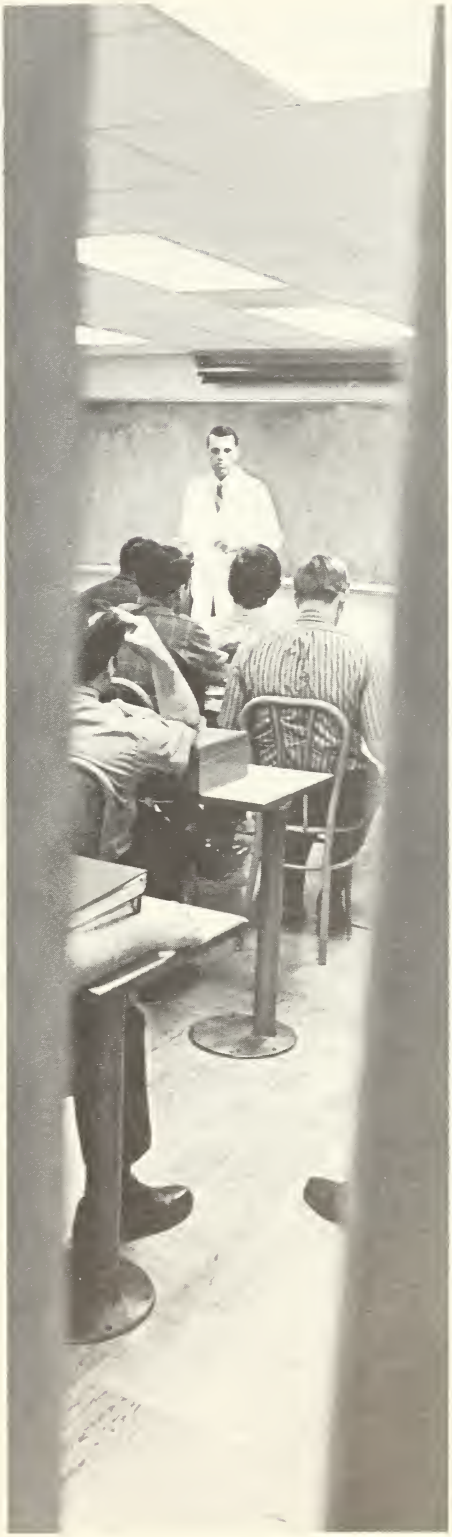
Anm 816. Histochemistry. (5 hours.) Presentations of the basic aims, principles and procedures of histochemistry.

Anm 901, 902, 903. Seminar in Anatomy. (1 hour each.)

Anm 921. Investigation of a Problem. (Credit to be arranged.)

Anm. 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Anm 940. Analysis and Preparation of Scientific Papers. (2 hours.)
A course designed to improve the individual scientist's writing in regard to directness, comprehensibility, logical organization and precision of expression. Each participant will prepare a short journal article or an equivalent piece of writing during the course.



Cell and Molecular Biology

Chairman: Edward Bresnick, Ph.D.

Graduate Program in Biochemistry

Recommended preparation: Courses at the college level in physics, mathematics through integral calculus, biology, organic chemistry through qualitative organic and a year of physical chemistry.

Bch 801-802. Biochemistry. (3 hours each quarter. Fall, winter and spring quarters each year.)
A course sequence covering the chemistry and reactions of the constituents of living matter, metabolism and control mechanisms in whole organisms, organs, cells and subcellular systems, metabolic patterns and biosynthetic pathways.

Bch 803. Topics in Biochemistry. (3 hours. Spring quarter.)
Advanced treatment of selected topics which vary yearly.

Bch 804, 805. Experimental Biochemistry. (3 hours each quarter. Fall and winter quarters each year.)
The first course deals with the preparation and characterization of substances of biochemical significance. The second course includes experiments in biological oxidation, glucose metabolism, phosphatide and protein synthesis.

Bch 807. Chemical Kinetics. (3 hours. Fall quarter.)
Theories of reaction velocity and their application to the understanding of reaction mechanisms.

Bch 808. Physical Methods of Structure Determination. (3 hours. Winter quarter.)
Use of physical methods (UV, IR, NMR, ORD, ESR) to determine the structure of biochemically important monomers and ploymers.

Bch 809. Physical Biochemistry. (3 hours. Spring quarter.)
Structure, properties, energetics, kinetics with particular reference to biopolymers. Three lectures, one conference, assigned readings and calculations.

Bch 825, 826. Biochemical Disorders in Disease. (4 hours total.)
The application of biochemistry to the investigation of metabolic and degenerative diseases.

Bch 830, 831, 832. Organic Reaction Mechanisms. (3, 3 and 2 hours, respectively, to be taken in numerical sequence.)
Modern theories of organic chemistry with emphasis on reaction mechanisms of biochemical interest.

Bch 901, 902, 903. Seminar in Biochemistry. (1 hour.)

Bch 921. Investigation of a Problem. (Credit to be arranged.)

Ch 930. Research (for Dissertation and Thesis). (Credit to be arranged.)

Graduate Program in Microbiology

Recommended preparation: Adequate background in biology and chemistry, usually an undergraduate major in biology and a minor in chemistry, or a major in chemistry with a minor in biology.

Mib 701. General Microbiology: Bacteria and Immunity. (8 hours.)
Principles of microbiology presented with emphasis on microbial physiology and genetics. Fundamental aspects of immunity and immunology are also discussed.

Mib 702. Medical Microbiology: Bacteria, Viruses, Rickettsiae and Fungi. (5 hours.)
Principles of microbiology with emphasis on the pathogenic bacteria, viruses, rickettsiae and fungi. Properties of the commoner organisms of this type and methods for cultivation, isolation and identification. Mib 701 prerequisite.

Mib 703. Parasitology. (3 hours.)
Studies of the animal parasites of man and their mode of transmission.

Mib 801. Immunology. (3 hours.)
Biological, physical and chemical properties of antigens and antibodies; mechanisms of precipitation and agglutination reactions, cytotoxic reactions, medicated by antibody and complement; mechanisms of antibody formation; nature and mechanisms of hypersensitivity reaction and immunology and chemistry of blood group substance. Mib 701 prerequisite.

Mib 802. Bacterial Genetics. (5 hours.)
A consideration of nucleic acid metabolism and heredity in microorganisms including conjugation, transduction and transformation. Mib 701-702 prerequisite.

Mib 803. Virology. (3 hours.)
Studies of animal viruses, and newer techniques for cell culture and identification. Mib 701-702 prerequisite.

Mib 804. Mycology. (3 hours.)
Lectures and experimental studies of fungi pathogenic for man. Mib 701-702 prerequisite.

Mib 805. Immuno-chemistry. (3 hours.)
Advanced immunology with emphasis on the clinical aspects. Mib 801 prerequisite.

Mib 806. Microbial Physiology. (5 hours.)
Intermediary metabolism peculiar to microorganisms and its relationship to the effect of the chemical environment on the growth and death of microorganisms. Mib 701-702 prerequisite.

Mib 807. Epidemiology. (3 hours.)
Principles and methods of epidemiology investigation. Studies of the distribution and dynamic behavior of disease in the population including etiologic factors and modes of transmission and pathogenesis. Mib 701-702 prerequisite.

Mib 808. Cell and Tissue Culture. (3 hours.)
Principles and techniques of cell and tissue culture. Emphasis on tissue culture techniques used in the study of viruses, bacteria and immunologic problems.

Mib 810. Hematology. (3 hours.)
A consideration of fundamental hematologic concepts and practical laboratory procedures.

Mib 811. General Pathology. (3 hours.)
The course is intended to present the most important areas of general pathology to investigators in the biological field who do not have a medical background and wish to become acquainted with basic mechanisms of disease at the level of cells and tissues. In cooperation with the staff of the Department of Pathology.

Mib 812. Host-Parasite Relationship. (3 hours.)
This will be a series of lectures and seminars on the biochemical and immunological relationships between infectious agents and their hosts. In cooperation with the staff of the Department of Medicine.

Mib 813. Medical Entomology. (2 hours.)
Study of arthropods of medical importance with emphasis on the epidemiology of the arthropod-borne diseases.

Mib 901, 902, 903. Seminar in Microbiology. (1 hour each.)

Mib 921. Investigation of a Problem. (Credit to be arranged.)

Mib 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Endocrinology

Chairman: Robert B. Greenblatt, M.D.

Recommended preparation: Coursework in inorganic, organic and physical chemistry, qualitative and quantitative analysis, and in biological sciences including such courses as physiology, anatomy, histology, embryology, zoology, etc.

End 701. Biochemistry of Steroid Hormones. (4 hours.)
Studies of the secretion, biosynthesis, transport, metabolism and excretion of steroid hormones.

End 702. Biochemistry of Non-Steroid Hormones. (3 hours.)
Studies of the hormones of pituitary, adrenal medulla, pancreas, thyroid and parathyroid glands.

End 703, 704. Chemistry of Steroids. (2 quarter sequence, 2 hours each.)
A survey of the chemical synthesis, degradation and general reactivity of various classes of steroids. Physical methods of characterization and methods of steroid determination are discussed with particular emphasis on steroids of biological importance.

End 705, 706. Physiology and Pharmacology of Hormones. (2 quarter sequence, 2 hours each.)
The spectrum of physiological and pharmacological activity of various hormones and different tests and experimental models to evaluate these will be discussed. A review of the biological activity of synthetic hormone preparations will be made and their actions compared to naturally occurring hormones.

End 801. Clinical Endocrinology. (2 hours.)
Clinical survey of the function of hypothalamus, pituitary, adrenals, gonads, thyroid and pancreas, and the diagnosis and treatment of endocrine disorders associated with these glands.

End 802. Advanced Clinical Endocrinology. (6 hours.)
A continuation of End 801 at an advanced level. Included is participation in the diagnosis, work-up, treatment and discussion of selected patients with various endocrine disorders.

End 803. Endocrinology of Reproduction: The Pituitary-Ovarian Axis. (3 hours.)
A study of compounds that effect the inhibition or release of pituitary hormones, and factors that stimulate or inhibit ovulation. Laboratory and lecture exercises.

End 804. Endocrinology of Reproduction: Uterine Motility. (3 hours.)
Studies on drugs that stimulate or inhibit uterine motility. Laboratory and lecture exercises.

End 805. Endocrinology of Reproduction: The Ovaries. (3 hours.)
Factors that influence follicular stimulation and/or luteinization in the

ovary. Laboratory and lecture exercises.

End 806. Endocrinology of Reproduction: Reproductive Physiology of the Testis. (3 hours.)
Laboratory and lecture exercises.

End 807. Clinical Aspects in Human Reproductive Physiology. (5 hours.)
The essentials in human reproduction and the application of present day knowledge in the promotion of fertility as well as fertility controls.

End 808. Human Cytogenetics. (2 hours.)
A study of the relationships between chromosome morphology, function and disease. Consideration of chemical and physical nature of the chromosome, chromosomal aberrations, ploidy, significant of sex chromatin, inheritance of chromosomal defects and genetics of cells in culture.

End 809 Human Cytogenetics — Laboratory Techniques. (3 hours.)
A laboratory study of methods used in human cytogenetics including methods for culture and chromosome analysis and somatic cells, sex chromatin, autoradiography, photomicrography, meiotic preparations and solid tissue culture.

End 810. Biochemical Methods in Endocrine Research. (3 hours.)
Work in specialized methods such as fractionation and individual estimation of steroids, determination of aldosterone, chromatography, and use of isotopes.

End 811. Laboratory Procedures in Clinical Endocrinology. (2 hours.)
Studies and experience in the estimation of 17-ketosteroids, 17-ketogenic steroids, pregnandiol, urinary gonadotropics, PBI pregnancy tests, estrogens.

End 901, 902, 903. Seminar in Endocrinology. (1 hour each.)

End 921. Investigation of a Problem. (Credit to be arranged.)

End 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Medical Illustration

Chairman: Orville A. Parkes

Recommended preparation: See the requirements for admission to the graduate program in Medical Illustration.

Mil 801. Advanced Techniques of Medical Illustration. (10 hours.)
Advanced training in the techniques and mediums of the medical illustrator in depicting major operative procedures, endoscopic examination and ophthalmological conditions and procedures.

Mil 802. Department Development and Administration. (1 hour.)
Instruction is given in how to institute or develop a department of medical illustration, the photographic and art materials and equipment necessary in such departments, recommended types of clerical forms and records and departmental responsibilities and the general administration of a department.

Mil 803. Interpretive and Reconstructive Drawing. (2 hours.)
This course correlates the study of pathology and art in the drawing of autopsy and fixed specimens and the reconstructional drawing of specimens as they appeared during life. The diagrammatic representation or conditions of organs and the physiological effect on other organs as a contributing factor in death is depicted in such drawings.

Mil 804. Scientific Exhibit Production. (1 hour.)
The methods of planning a scientific exhibit from the first discussions to the final presentation is covered. This involves a scale drawing or mock-up of the exhibit as well as discussion of

various types of cabinet work, lettering and back-lighting of transparent materials.

Mil 805. Television Production. (1 hour.)
Equipment used and methods of producing television presentations will be covered in this course. Graphics, animation and programming will be emphasized.

Mil 811. I, II. Pathology — General Pathology. (16 hours.)
The basic principles of pathology and the important general and systemic manifestations of disease.

Mil 812. Clinical Pathological Conference. (No credit.)
Gross and microscopic pathological findings are used in the evaluation and analysis of case histories of individual patients.

Mil 928. Medical Illustration — Graphic Project. (15 hours.)
The presentation in exhibit form of a collection of drawings or operative studies and clinical procedures.

Mil 930. Medical Illustration — Thesis. (15 hours.)
A written and illustrated thesis may be substituted for Mil 928 should the candidate for a degree so desire.

Nursing

Associate Dean for Graduate Studies: M. Eugenia Lee, Ed.D.

Recommended preparation: An undergraduate major in nursing, including the behavioral, physical and biological sciences. Experience in nursing leadership is also required for admission to the major in nursing service administration.

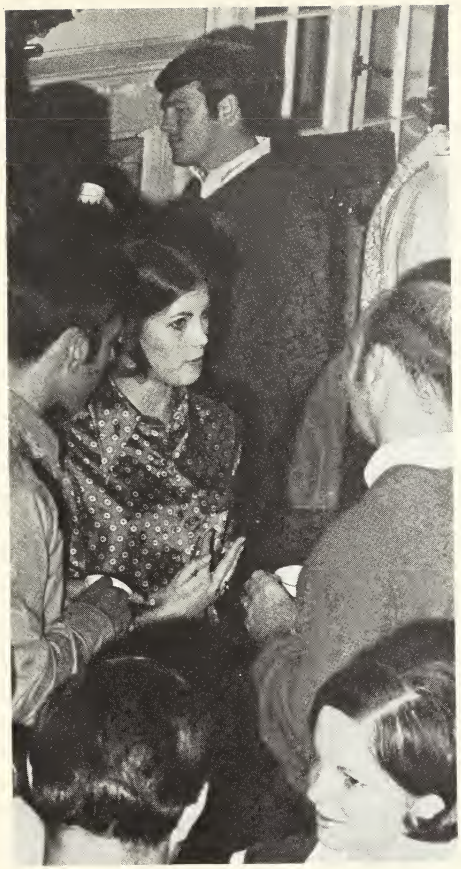
Registration for courses: Students admitted to the Graduate Program in Nursing register and matriculate for courses at the Medical College of Georgia and also register for courses at the University of Georgia at Athens during the first quarter for the Program, that is the Summer Quarter.

Nsg 621. Group Dynamics. (5 hours.)
A review of the development of research on processes in the small face-to-face group, with emphasis on motivational forces involved. The family as a small group. Peer and work groups. Structural-functional analysis, symbolic interactionism. Experiments in group interaction.

Nsg 634. Personnel Administration. (5 hours. Fall quarter.)
This course is designed to provide the student with an extensive understanding of the problems faced by the personnel manager. A broad administrative viewpoint, rather than a narrow, vocational approach, is emphasized. It affords the student an opportunity to examine the personnel administrator's important functions of carefully selecting and motivating personnel to attain the objectives of the organization.

Nsg 702. Medical-Surgical Nursing. (7 hours. Winter quarter.)
Designed to extend and enrich the student's knowledge of pathophysiological changes which occur during illness, normal body defenses; electrolyte and fluid balance; advances in medical science and nursing, in relation to the care of patients who present complex nursing problems. Prerequisite: Phy 601.

Nsg 703. Medical-Surgical Nursing. (7 hours. Winter quarter.)
Application of knowledge in improving skills characteristic of the practice of professional nursing. Selected experiences provide for intensive study of individual patient needs and direction of care of nursing clients. Nsg 702 prerequisite.



Nsg 704. Practicum: Teaching Medical-Surgical Nursing. (5 hours. Spring quarter.)
The student is provided opportunity to participate in course and curriculum development and to observe and participate in teaching clinical nursing. The teaching-learning experiences for each graduate student are selected by the student and a teacher in terms of identified purposes and goals for delivery of nursing care services. Prerequisites: Nsg 702 and 703.

Nsg 705. Practicum: Clinical Specialization: Medical Surgical Nursing. (5 hours. Spring Quarter.)
Opportunities are provided for the student: to demonstrate skill in enabling patient(s) to accept and participate in action to enable his progress toward optimism wellness; to participate in health team planning through collaboration and nuring intervention; to assume a catalytic role as change agent in the delivery of nursing care services. Prerequisites: Nsg 702 and 703.

Nsg 720. Mental Health and Psychiatric Nursing. (5 hours. Fall quarter.)
Investigation of psychoanalytic concepts in relation to normal growth and development and to the dynamics of personality development. There is concurrent application of the theoretical content to an operational point through planned experiences.

Nsg 721. Mental Health and Psychiatric Nursing. (5 hours. Winter quarter.)
Psychopathology as a unique life situation. There is concurrent clinical extension of theory in selected facilities. Explanation of the process of psychotherapy and the thearapist role is initiated in the course.

Nsg 722. Practicum: Teaching Mental Health and Psychiatric Nursing. (5 hours. Spring quarter.)
Prerequisites: Nsg 720 and 721.

Nsg 723. Practicum: Clinical Specialization, Mental Health and Psychiatric Nursing. (5 hours. Spring quarter.)
Prerequisites: Nsg 720 and 721.

Nsg 740, 741. Seminar in Nursing Administration. (3 hours each Fall and Winter quarters.)
Application of concepts and principles of administration and personnel management in the nursing service situation. The case method is used for added realism in problem solving.

Nsg 742. Practicum in Nursing Administration. (5 hours. Spring quarter.)
Observation of, and limited participation in the administration of a nursing service department. The experience is guided by a preceptor, in an agency selected jointly by the student and major professor. Field conference of students, faculty and agency personnel permit the exchange of ideas related to field problems. Prerequisites: Nsg 740 and 741.

Nsg 780. The Growing Health System. (2 hours. Summer quarter.)
Causes and directions of changes in the health system of the United States. Consideration of the meaning of such changes to nursing of the present and future.

Nsg 781. Advances in Clinical Practice. (2 hours. Fall quarter.)
Consideration of human and technological factors influencing change in clinical nursing practice. Exploration of the present and potential contribution of clinical research to nursing practice.

Nsg 782. Education for Nursing Practice. (2 hours. Winter quarter.)
Historical development of the university; the role of the university in society; and the potential of the growing education system for the preparation of nursing practitioners.

Nsg 783. Nursing, the Advancing Profession. (2 hours. Spring quarter.)
Nursing as a profession compared and related to other professions. The future of nursing as a profession and its meaning for the individual member.

Nsg. 800 Research Methodology. (3 hours. Fall quarter.)
Evaluation of published research in Nursing utilizing the conceptual framework of Campbell and Stanley. Introductory Statistics required. (An undergraduate college course will be accepted.).

Nsg 921. Investigation of a Problem. (Credit to be arranged.)

Nsg 930. Research. (5 hours.)

Ect 800. Fundamentals of Curriculum. (5 hours. Summer quarter.)
(Given at the University of Georgia).
Study of the nature, function and evaluation of curricula in education. Four courses in education prerequisites.

Epy 700. Educational Tests and Measurement. (5 hours. Summer quarter.)
(Given at the University of Georgia).
Nature and function of measurement in education; teacher-made and standardized tests and scales, introductory statistical concepts of measurements. Four courses in education prerequisites.

Man 797. Organization Theory. (5 hours. Summer quarter.)
(Given at the University of Georgia).
The functioning of organizations and the factors making for differences in functioning from one organizational situation to another. First stress will be given to research findings about organizational relationships, but the primary focus will be on the consequences of these findings for effective management.

Man 741. Management Science. (5 hours. Summer quarter.)
(Given at the University of Georgia).
This course is designed as a first in-

troduction on a semi-rigorous basis to the possibilities and techniques for solving management problems having quantified or quantifiable parameters. Permission of instructors is prerequisite.

Psy 664. Advanced Social Psychology. (5 hours. Summer quarter.)
(Given at the University of Georgia). Development and importance of language and communication in social behavior; concepts and methods of studying decision-making; the role of motivation, frustration and conflict in social processes.

Soc 611. Social Organization. (5 hours. Summer quarter.)
(Given at the University of Georgia). A study of the basic principles of social organization including an examination of how groups and complex organizations such as associations, communities and societies are structured and how they function as structures.

Soc 627. Personality and Social Structure. (5 hours. Summer quarter.)
(Given at the University of Georgia). Foundation and development of personality; mechanism of integration and adjustment; roles of culture, groups and language; concepts of self; types of theories of personality; divergent personalities.

Soc 635. The Community. (5 hours. Summer quarter.)
(Given at the University of Georgia). A study of the community as a unit of social organization. Contemporary trends in community organization and planning.

Physiology

Acting Chairman: Larry J. O'Brien, Ph.D.

Recommended preparation: Chemistry, through organic and quantitative analysis; an introductory course in zoology; one course each in comparative anatomy and embryology; a full year in physics and mathematics through differential and integral calculus.

Phy 601. Physiology. (6 hours. Fall quarter.)
A basic graduate course in physiology for non-majors in physiology.

Phy 701, 702, 703. Survey of Physiology. (6, 6 and 4 hours respectively.)
Electrophysiology, muscle and cardiovascular physiology; respiratory, fluid and gastrointestinal physiology, metabolism, endocrine physiology; neurophysiology.

Phy 800. General Physiology. (5 hours.)
Selected topics in general and cell physiology with emphasis on the role of metabolism, membrane functions and environmental factors will be considered in lecture and seminar. Phy 701, 702, 703 or by permission prerequisites.

Phy 801. Introductory Biophysics. (3 hours.)

Phy 802. Cardiodynamics. (3 hours.)
Physiology of the heart, including structure, development, action as muscle, and dynamics of its pumping action.

Phy 803. Peripheral Circulation. (3 hours.)
A study of the architecture and hemodynamics of peripheral vasculature.

Phy 804. Muscle Physiology. (3 hours.)
General characteristics of muscle action and differences between the three types of muscle.

Phy 805. Blood Flow Regulation. (3 hours.)
A study of the determinants affecting cardiac output and peripheral flow, with consideration of the techniques for measuring the flow.

Phy 806. Respiration. (3 hours.)
The mechanics and regulation of human respiration with consideration of practical techniques for the measurement of ventilation.

Phy 807. Body Fluid Regulation. (3 hours.)
A study of current and classical literature dealing with fluid regulation with particular emphasis on renal mechanisms for volume and composition control.

Phy 808. Cortical Potentials. (3 hours.)
Properties of continuous and evoked potentials and their interactions. Relationship of cortical unit activity to cortical potentials. Phy 701 and 703 prerequisites, and by permission.

Phy 809. Motoneuron Physiology. (3 hours.)
Electrical properties of surface membranes; excitatory and inhibitory reactions and their mechanisms; properties of the spike potential; interaction of synaptic responses. Phy 701 and 703 prerequisites, and by permission.

Phy 810. Hemodynamics. (3 hours.)
Blood flow and the force that produce it, including reservoir function of large arteries and measurement and regulation of cardiac output.

Phy 811. Physiology of Reflexes. (3 hours.)
A guided survey of the literature pertaining to reflex and synaptic physiology. Course is conducted as a seminar with students giving oral reports on assigned topics. Phy 701 and 703 prerequisites, and by permission.

Phy 812. Neurophysiology. (6 hours. Fall and Spring.)
A guided survey of the experimental literature of major topics in neurophysiology. Course conducted as seminar with oral analysis of assigned papers and topics. Phy 701, 702, 703, Anm 703 and permission of instructor prerequisites.

Phy 813. Electrophysiology. (5 hours.)
Theoretical basis of electrophysiological phenomena; recording apparatus and technique; and the electrophysiology of cells tissues and excitable structures.

Phy 814. Biological Transport. (5 hours.)
A seminar study of the physiology of membrane transport. Systems studied will include erythrocytes, kidney, intestine and other relevant cells and tissues.

Phy 815. Radioisotopes in Biological Research. (3 hours.)
The theory, utility and methodology for the use of radiosotopes in biological research.

Phy 901, 902, 903. Seminar in Physiology. (1 hour each.)

Phy 921. Investigation of a Problem. (Credit to be arranged.)

Phy 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Pharmacology

Chairman: Raymond P. Ahlquist, Ph.D.

Recommended preparation / Major training in at least one of the following fields: zoology, anatomy, microbiology, physiology, biochemistry, botany, mathematics and electronics. Courses in several of the fields other than the major field are desirable.

Phm 701. General Pharmacology and Toxicology. (7 hours.)
Studies in pharmacodynamics, pharmacotherapeutics, toxicology, posology, and prescription writing.

Phm. 711. Cryopharmacology. (3 hours.)
The biophysics of freezing injury and the use of cryoprotective drugs. Consent of instructor prerequisite.

Phm 801. Molecular Pharmacology. (3 hours.)
Mechanism of achieving a biological effect through the chemical interaction of a drug with a biological receptor. Phase I or Bch 801 and Anm 813 or consent of instructor prerequisites.

Phm 802. Special Methods in Pharmacological Research. (3 hours.)
Physiological and biochemical methods employed in pharmacological investigations.

Phm 803. Neuropharmacology. (2 hours.)
Selected topics related to the action of chemical agents on the nervous system.

Phm 804. Advanced Pharmacology. (2 hours.)
Research objectives in pharmacology. Current concepts and trends in pharmacological research.

Phm 805. Mechanisms of Drug Toxicity. (3 hours.)
A study of the adverse effects of drugs on organ systems and metabolic pathways. Phm 701 or consent of instructor prerequisite.

Phm 806. Drug Induced Teratogenesis. (3 hours.)
Consideration of theories of drug induction of congenital malformations in the mammalian fetus. Experimental methods of evaluating drug teratogenicity will be studied. Consent of instructor prerequisite.

Phm 807. Peripheral Cholinergic Mechanisms. (3 hours.)
Investigations of the role of acetylcholine in the function of the autonomic nervous system. Phm 701 or Phy 701 or consent of instructor prerequisite.

Phm 808. Catecholamine Role in Adrenergic Mechanisms. (3 hours.)
Studies on the cellular and molecular systems involved in catecholamine activity. Phm 701 or Phy 701 or consent of instructor prerequisite.

Phm 809. Cardiovascular-Renal Pharmacology. (3 hours.)
Evaluation of the interrelationships of the action of drugs on the heart, peripheral circulation, and renal function. Phm 701 or Phy 701 or consent of instructor prerequisite.

Phm 901, 902, 903. Seminar in Pharmacology. (1 hour each.)

Phm 921. Investigation of a Problem. (Credit to be arranged.)

Phm 930. Research (for Dissertation or Thesis). (Credit to be arranged.)

Statistics

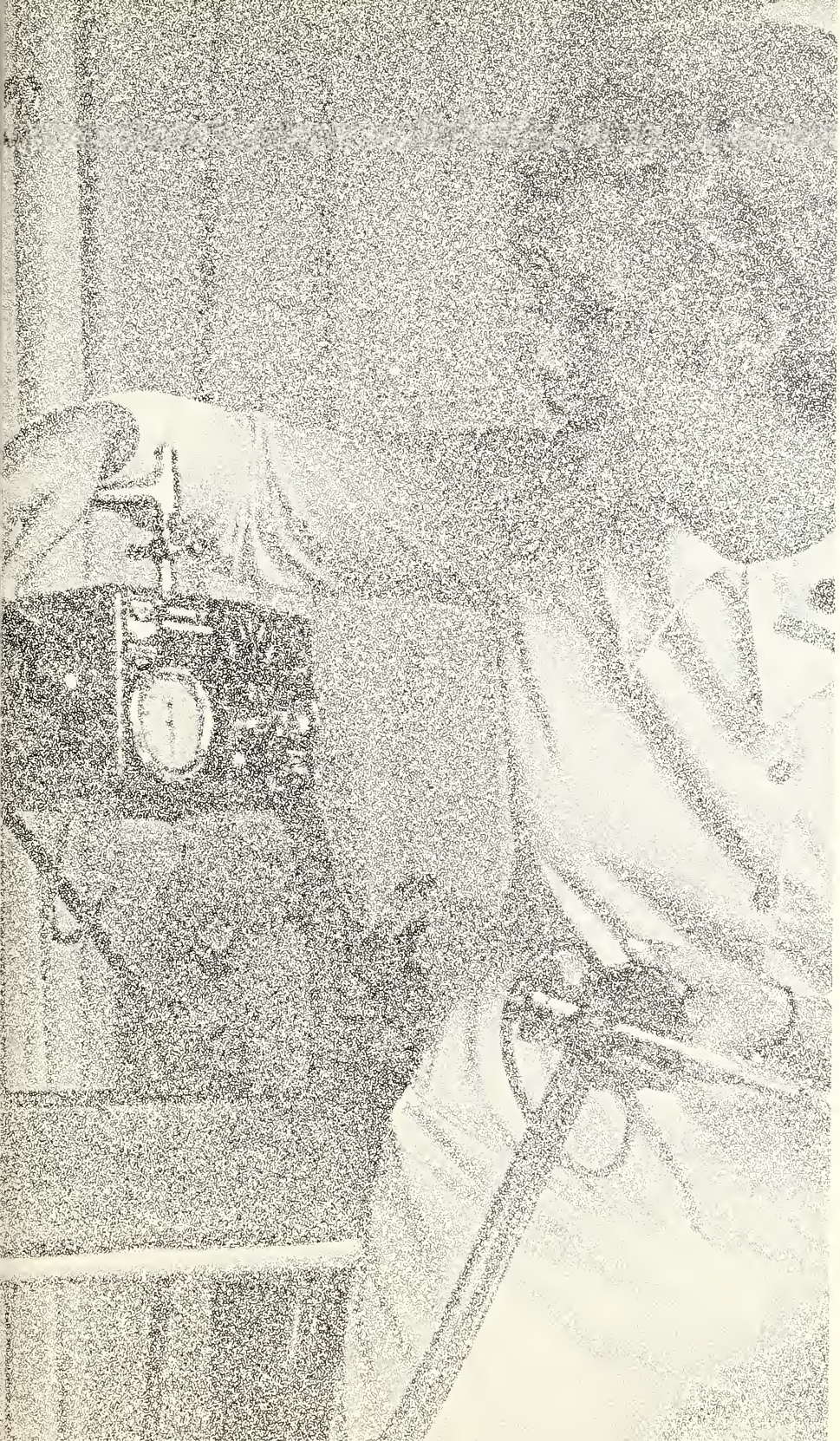
Computer Center: Acting Director John M. Chambers.

Sta 601. Basic Computer Principles Programming. (3 hours.)
This course deals with basic data processing concepts and assumes no prior knowledge in this field. Topics covered include punch cards and codes, basic elements of a computer and their function; program flow charting, coding and testing. The current program language taught is FORTRAN IV. The computer is an IBM 360.

Sta 801. Statistics. (5 hours.)
The fundamentals of statistics including such concepts as probability, frequency distribution, tests of significance, randomization, chi square analysis, correlation and regression and analysis of variance.

Foreign Languages

Non-credit courses in Scientific German and French reading are usually offered in the Winter quarter. The foreign language examinations are given in January or February. Students interested in taking either of these two language courses should notify the School of Graduate Studies office by September 1.



The School
of
Nursing

School of Nursing Calendar for 1971-1972

Fall Quarter, 1971

Last day to file applications for new admissions	August 25
Registration (graduate students studying anatomy)	Sept. 1
Residence halls open	Sept. 13
Orientation and registration	Sept. 14
Registration	Sept. 15
Exemption exams (optional) in U.S. and Georgia History and U.S. and Georgia Constitutions	Sept. 17
Classes begin (50 class days)	Sept. 20
Last day for late registration and class changes	Sept. 22
Mid-term: Last day to drop a course without penalty	Oct. 25
Thanksgiving recess	Nov. 25-28
Last day of classes	Dec. 3
Examinations	Dec. 7-10
Term ends	Dec. 10

Winter Quarter, 1972

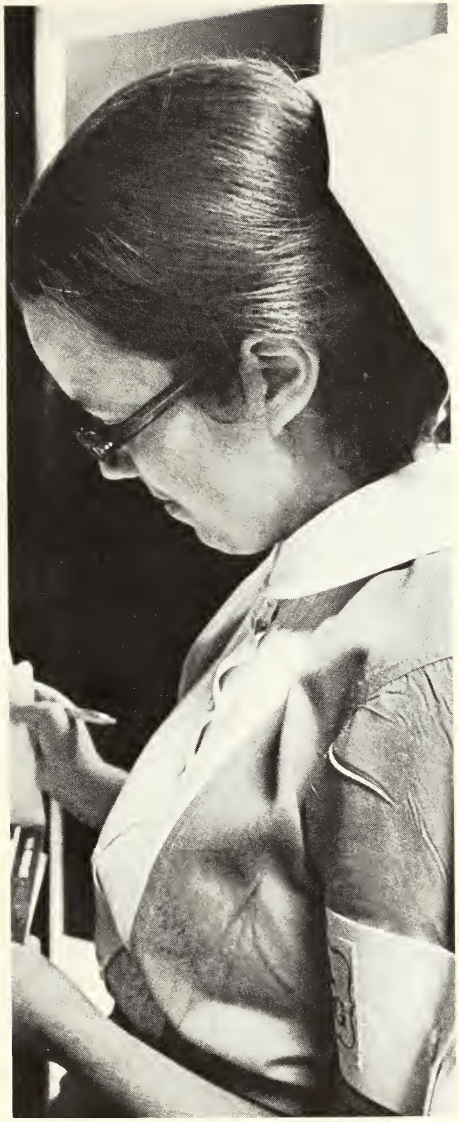
Last day to file applications for new admissions	Dec. 13
Registration	Jan. 3
Class begin (50 class days) Exemption exams (optional) in U.S. and Georgia History and U.S. and Georgia Constitutions.	Jan. 4
Last day for late registration and class changes	Jan. 6
Saturday will be a regular class day for the Monday schedule through the 9th period.	Jan. 8
Mid-term: Last day to drop a course without penalty	Feb. 7
Last day of classes	Mar. 10
Examinations	Mar. 11, 13-15
Term ends	Mar. 15

Spring Quarter, 1972

Last day to file applications for new admissions	Feb. 28
Registration	Mar. 20
Classes begin (50 class days)	Mar. 21
Last day for late registration and class changes	Mar. 23
Saturday will be a regular class day for the Monday schedule through the 9th period	Mar. 25
Mid-term: last day to drop a course without penalty	April 21
Last day of classes	May 26
Examinations	May 27, 29-31
Term ends	May 31
Graduation	June 3

Summer Quarter, 1972

Last day to file applications for new admissions	May 22
Registration	June 12
Classes begin (48 class days)	June 13
Last day for late registration and class changes	June 14
Independence Day holiday	July 4
Mid-term: Last day to drop a course without penalty	July 16
Last day of classes	Aug. 18
Examinations	Aug. 19, 21-23
Term ends	Aug. 23



School of Nursing

Dean: Dorothy T. White, M.A., D.Ed.
Associate Dean: M. Eugenia Lee, Ed.D., B.S.N.

History

Georgia's first state-aided course in nursing education was offered in 1941 at the Evening College of Atlanta. In 1943, the University of Georgia was authorized to establish a Department of Nursing Education within the College of Education with a center at the former Atlanta Division. The department was transferred to the College of Arts and Sciences in 1944, with the first class from the program leading to the degree of Bachelor of Science in Nursing Education graduating in 1945. Both basic and registered nurse students were enrolled in the program. Admitted also to the Division were students from three hospital schools, who in cooperation with the Division and through their planning with the United States Cadet Corps were able to complete science courses.

In 1949, the main office of the School was transferred to the Atlanta Division. In 1951 with the appointment of a new department head, an office in Athens was opened one day weekly, with the main office continuing in Atlanta. In 1954, the main office returned to the Athens campus with the center continuing at the Atlanta Division. In 1954, the Bachelor of Science in Nursing degree replaced the Bachelor of Science in Nursing Education degree, with the last graduates completing the latter degree in 1960.

In 1956, by action of the Board of Regents, the Department of Nursing at the University was transferred to the Medical College of Georgia becoming an autonomous school with a dean appointed as the administrative head. The first class of students, graduating in 1958 with the Bachelor of Science degree in Nursing from the Medical College of Georgia, were the first baccalaureate students to be enrolled on the Augusta campus.

The School of Nursing discontinued offering the baccalaureate program in nursing at Georgia State College as of July 1, 1970. Presently an office is maintained at the Decatur Center, DeKalb County Health De-

partment, 126 West Trinity Place, Decatur, as well as on the main campus, for Continuing Education. Also located at that center is the Nutrition Project as sponsored by the United States Public Health Service.

The Board of Regents in March of 1966 authorized a graduate program in nursing. The School of Graduate Studies in cooperation with the School of Nursing offers the program which leads to the degree of Master of Science in Nursing. The first students entered the program June, 1968, graduating in June of 1969.

The Baccalaureate Program in Nursing

Philosophy

The administration and faculty believe that nursing is a significant force in the total health care of all people, and that it is through guided experiences in the preventive, curative, and rehabilitative aspects of nursing that students are able to develop a comprehensive concept of the health needs of people. It is believed that a planned program of general education extending through four academic years, combined with professional courses, aids students in learning more effectively.

The School of Nursing accepts as its aim the selection and training of young men and women who have the potential for development within our educational environment as enlightened and contributing citizens and as professional nurses. Through the use of the problem-solving approach and our planned experiences, the graduate is expected to become a purposeful, thinking, self-directed member of the professional society, able to identify and analyze data objectively, and to make critical judgments on the basis of principles in both personal and professional roles.

It is expected that graduates of the College program can work effectively with other disciplines in the care of patients. The graduate is prepared to plan, execute, and evaluate the nursing needs and care of individuals in the community; to function as a beginning professional practitioner in any field of nursing, including public health. She has had guided learning experiences in management and leadership, and with experience, the graduate with potential may move into head nurse positions. The graduate may, if ability and achievement warrant, prepare through graduate courses for positions in teaching, administration, supervision, research or other areas.

Objectives

The objectives of the program are to provide appropriate learning experiences which enable students:

1. To develop attitudes, professional and intellectual abilities involving the use of communications skills, leadership and helping skills, general and scientific knowledge of such breadth as will make possible developments of competencies in the practice of rehabilitative, preventative, and creative nursing and as will provide a sound basis for future specialization.
2. To appreciate the dynamic contribution of nursing to health goals, and their implementation for society and to develop those participatory skills essential to accepting responsibility on the health team.
3. To promote understanding of self, personal growth, and the development of creative ability in order to live more happily as well as to attain and maintain health for oneself and others.

4. To develop critical attitudes and skills, in evaluation and problem solving as a basis for effective nursing practice and as a basis for contributing to the development of professional nursing.
5. To understand some aspects of the major religious philosophies and practices as they relate to personal and spiritual growth and to nursing patients and families.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar. Applications for the entering class of September, 1972, must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.

Academic Criteria

Preference will be given the applicant who has demonstrated superior academic ability. The applicant must present evidence of graduation from an accredited high school or its equivalent. Preference will be given the applicant to undergraduate programs who has emphasized high school subjects in the areas of physical, biological and social sciences and mathematics. The entering freshman must present credentials to indicate completion of the following high school credits from an accredited high school:

	Units
English	4
Mathematics (must include one unit of algebra	2
Sciences (general biology, chemistry, physics	2
Social studies (one unit of American History)	2
Other academic units	4
Unrestricted electives	2

High school level test of General Education Development will not be accepted unless accompanied by a state high school diploma.

Admission Requirements

Preference will be given those applicants who have demonstrated superior ability in all areas: academic, health and personal. In addition to general requirements of the college applicants must meet the following:

Age: The minimum age is 16 for admission to the freshman year of the School of Nursing.

Pre-Entrance and/or Guidance Tests: Tests of the National League for Nursing are required for all applicants. The tests should be taken as early as possible, preferably by January of the Senior year of high school, and must be taken prior to entrance. A schedule of the examinations will be forwarded each prospective applicant with application materials.

Personal Interviews: Appointments for personal interviews should be made by writing to the Dean of the School as soon as the applicant becomes interested.

On occasion appointments may be arranged in other cities with the Dean, or other designated faculty members.

Travel Releases

Before matriculation each accepted student must file written permission by parents or guardians to travel by public and/or private carrier. Forms for the purpose shall be provided by the Director of Women's Activities.

General Information

General education courses for undergraduate students

The College is a state supported unit of the University System of Georgia. Being a professional education institution, the College does not maintain faculty for teaching general education courses in the liberal arts and sciences. Augusta College has been designated to assume the responsibility for offering general education courses for all baccalaureate students registered at the College. Credits and grades for such courses are accepted by the College directly from this institution as though the courses were taught on the College campus. The student must be registered at this institution while taking the courses. Arrangements for the first year of work are also made with certain other institutions within the system.

Lower Division general education courses number 100 through 399 are offered by Augusta College. These courses will be recorded on transcripts issued by the Medical College with the code designation of "AC" indicated.

Transfer Credit

Transfer of credit for the first year of work and for other equivalent courses, as evaluated by The Registrar may be credited toward the Baccalaureate degree in Nursing. See "Scholarship and Promotion." No "D" grades may be transferred. Transfer students must meet the same requirements as other students in the program.

Residence

The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A minimum of 180 quarter hours (excluding Physical Education) is required for a baccalaureate degree.

Examinations on the history and Constitutions of the United States and Georgia

Examination on these subjects are required of all students unless exempted by presentation of course credit dealing with these constitutions and histories. A student is advised to meet this requirement early in the academic career.

Physical Education Requirements

Candidates for undergraduate degrees will present a minimum of three (3) quarters of physical education credit for graduation.

Probation

A student who falls below a "C" average in any given quarter will be carried on probation until these grades are removed and the "C" average is met. Freshmen students are expected to meet the grade point average of 2 by the end of the third quarter.

Fees and Expenses

Estimated Student Annual Expenses

	First Year	Second Year	Third Year	Fourth Year
Matriculation fee*	405	405	405	405
Fees-Health	30	30	30	30
Activities	30	30	30	30
Books & Supplies	120	120	120	120
Uniforms	—	200	—	—
Incidentals	30	30	30	30
Housing**	330	330	330	330
Food	600	600	600	600
Personal (Laundry, entertainment, travel, etc)	500	500	500	500
Totals	**2,045**	**2,245**	**2,045**	**2,145**

*Non-resident tuition (in addition to matriculation fee) $540 per year.
**See General Information section for the cost of various on-campus housing options.

Financial Assistance and Employment Opportunities

For information on financial assistance, see the General Information section. The student Financial Aid Bulletin may be obtained by writing to the Financial Aid Office. This brochure includes information regarding Federal Traineeships under Public Law 88-851, Title 8, Section 821 and about part-time employment in the hospital. Students interested in applying for either of these programs should contact the Dean of the School of Nursing.

Students may enroll in the student Army or Navy Nurses Corps beginning with either the junior or senior years. There is a liberal financial reward to corps members.

An application form on which you may apply for any of the other programs listed in the brochure may be secured by writing the Financial Aid Office.

If needed assistance is not obtained through the Financial Aid Office, confer with the Dean of the School of Nursing.

Student Organizations and Activities

Students in the School of Nursing, like students of Augusta College, participate in the activities and organizations on that campus.

An Honors Society, a forerunner of Sigma Theta Tau, the National Honor Society of Nursing, was organized in 1969.

In addition to the regular activities at the College, students in Nursing belong to class organizations and the Student Nurses Association, this includes membership in the State and National organizations.

Facilities, General Education and Professional

The general facilities of Augusta College, combined with those of the Medical College, offer excellent opportunities for a balanced program of liberal and professional education. Coordinated planning makes possible the inclusion of upper division courses in general and supporting educational areas, as well as the building of the nursing major on a known base of general education.

In addition to facilities for instruction as listed in the General Information, of this Catalog, the School of Nursing utilizes other agencies as necessary: Gracewood State School and Hospital, Veterans Administration Hospitals, University Hospital, Augusta Regional Hospital, industries, nursing homes, day and nursery schools, and others.

Students enrolled in Community Health Nursing have this portion of their experience outside of Richmond County. Health centers are selected according to the School's needs; there are presently centers in Savannah and Marietta.

Selection is made on the basis of their contribution in helping give the student a better understanding of continuity of patient care and total health planning.

Curriculum

The School of Nursing offers a four-year, 12-quarter, academic program leading to the degree of Bachelor of Science in Nursing.

The courses in general education and supporting areas are offered throughout the program with the exception of two quarters. They are planned to contribute to the professional courses and to the offering of a sound, integrated four-year program. It is the purpose of the School of Nursing to develop a curriculum which aids in the development of the individual personally, as a citizen and as a professional nurse.

Courses are to be taken in outlined sequence unless otherwise approved by the Dean of her designee. All course requirements for the first three years must be completed before beginning the senior year.

First Year

		Quarter Hours
Fall Quarter		
Eng 101	Composition I	5
Bio 111	Human Anatomy and Physiology I	5
His 211	History: American or	
or		
115	Western Civilization	5
Ped	Physical Education	0
Winter Quarter		
Eng 102	Composition II	5
Chm 105	Inorganic Chemistry	5
Bio 112	Human Anatomy and Physiology II	5
Ped	Physical Education	0
Spring Quarter		
Pol 101	American Government	
or		
His 116	Western Civilization	5
Psy 101	Introduction to Psychology	5
Chm 245	Biochemistry	5
**Math 101	College Algebra	
*Nsg 113	Nursing History	2
Ped	Physical Education	0

Second Year

Fall Quarter		
Soc 101	Introduction to Sociology	5
Bio 211	Microbiology	5
Edu 304	Educational Psychology	5
*Nsg 201	Nursing as a Profession	2
Winter Quarter		
Nsg 203	Science for Nursing	4
Nsg 204	Nutrition Principles	3
*Nsg 243	Medical-Surgical Nursing I	11
Spring Quarter		
Nsg 230	Principles of Teaching	3
*Nsg 244	Medical-Surgical Nursing II	10
Soc 203	The Family	5

Third Year

Fall Quarter

Edu 302	Human Development	5
*Nsg 332	Mental Health and Psychiatric Nursing	9

Winter Quarter

*Nsg 343	Maternity and Newborn Nursing	10
Elective	Literature, mathematics, or other course	5

Spring Quarter

*Nsg 344	Nursing of Children	11
Elective	Literature, mathematics, or other course	5

*If approved, these courses may be validated by examination (this may also apply to certain general education courses).

**Pre-test in Mathematics, successfully passed, may be substituted for Math 101; however enrollment advised. If course taken, 5 hours of credit may be used as an elective.

Fourth Year

Fall Quarter

Phy 301	Ethics	5
Nsg 403	Senior Nursing Seminar and Practicum	10

Winter Quarter

Nsg 415	Community Nursing	12

Spring Quarter

Nsg 453	Nursing Trends	4
Nsg 470	Principles of Management and Leadership	12

Throughout the program and largely in the clinical courses, an application of principles from the social-physical and biological sciences, as well as health concepts including mental health, geriatrics, nutrition and diet therapy, patient and family teaching, interpersonal relationships and communication skills, pharmacology, epidemiology, biostatistics, disaster nursing, occupational health, and rehabilitation skills will be integrated.

All clinical nursing courses include laboratory practice in the clinical setting.

Course Descriptions

For description of courses other than nursing, refer to the Augusta College Bulletin.

Nsg 113. Nursing History. (2 quarter hours; Fall and Spring.)
A consideration of the historical development of nursing, including an analysis of the socio-economic and cultural influences affecting its evolution.

Nsg 201. Nursing as a Profession. (2 quarter hours; Fall.)
An orientation to the field of professional nursing with emphasis on the role of the individual in a profession, and the nursing profession in society.

Nsg. 203. Science for Nursing. (4 quarter hours; Fall and Winter.)
A course designed to help the student integrate principles from the physical and biological sciences into meaningful concepts which underlie man's physiologic responses in health and stress.

Nsg 204. Nutrition Principles. (3 quarter hours; Fall and Winter.)
A study of the basic principles of nutrition and their application to the planning of diets for individuals and families. The problem solving approach is used in the identification and application of physical and chemical factors involved in digestion and metabolism of food in relation to specific patient-family nutritional problems.

Nsg 230. Principles of Teaching. (3 quarter hours; Fall and Spring)
A study of educational philosophy, principles and teaching-learning methods and their broad application to the development of teaching materials, and to guidance of the learning of individuals and groups.

Nsg 243. Medical-Surgical Nursing I. (10 quarter hours; Winter and Spring 6 hours content; 4 four hour laboratory periods)
A course designed to enable the student to acquire necessary knowledge, psychomotor skills and effective behaviors and to use problem-solving methodology to organize and utilize nursing and related knowledges for the nursing care of the individual adult patient. Learning experiences are selected to provide limited problems and stimuli and to be within the role expectations of the professional nurse.

Nsg. 244. Medical-Surgical Nursing II. (10 quarter hours; Winter and Spring 6 hours content; 4 four hour laboratory periods)
A course designed for students to continue to develop ability to utilize the problem-solving approach in assessing, implementing, and evaluating the nursing care needs of individual adult patients with selected health problems. Experiences are selected to augment integration of the previous nursing and related knowledges.

Nsg. 332. Mental Health and Psychiatric Nursing. (9 quarter hours; Fall, Winter and Spring, six hours content; 3 three hour laboratory periods)
A study of problem-solving techniques and communication skills as they relate to psychological growth and development, and the principles concerned in nursing care of selected patients with mental health problems or psychiatric disorders.

Nsg. 343. Maternity and Newborn Nursing. (10 quarter hours; Fall, Winter, and Spring, 6 hours content; 4, four hour laboratory periods)
The family-centered developmental approach is used in the study of adolescents involving preparation for marriage and family living, the adjustment of husband and wife to marriage and their preparation for parenthood. The course continues with the study of psychological and physiological problems of selected mothers in all age groups through each phase of the maternity cycle and newborn infants during the neonatal period. Experiences are provided in the clinic, hospital, home and other community health, educational and social agencies.

Nsg. 344. Nursing of Children. (11 quarter hours; Fall, Winter and Spring, 8 hours content; 3 four hour and 1 two hour laboratory periods)
A study of the role of the professional nurse in health promotion of children as well as a study of the nursing care in illnesses common in childhood. The psychological aspects of illness on the child and his family are included, also clinical practice and the development of related nursing skills.

Nsg. 403. Senior Nursing Seminar and Practicum. (10 quarter hours; Fall and as scheduled; 6 hours content, conferences; 4 three hour laboratory periods. Prerequisite: Completion of all junior year courses.)
Analysis of complex problems including developmental, health and long-term illness based on study of the literature and the significant theories and laws from physical, biological, social and medical sciences. Nursing hypotheses thus derived are tested and converted into theories and principles in nursing practice with individuals and patient groups in various clinical areas and settings. Academic instruction and laboratory experiences are qualitatively selected to meet the learning needs of students.

Nsg. 410. Gerontology. (5 quarter hours. Upon request. Prerequisite — Junior standing or permission of the instructor.)
A multidisciplinary course in the field of aging based on current theories, trends and research from the physical,

biological, social and medical sciences. Observation of community health and welfare facilities for the elderly. Laboratory experiences in nursing care as related to problems of anatomic and physiologic changes, behavioral responses, medical diagnosis, treatment and rehabilitation of the elderly patient.

Nsg. 415. Community Nursing. (12 quarter hours; Fall, Winter and Spring 6 hours content and conference; 6 three hour laboratory periods. Prerequisite: Nursing 403.)
An overview of the philosophy, principles of organization and administration, and trends in community health nursing programs. Nursing intervention for the promotion of health and prevention of disease in individuals and families is emphasized. The course includes the public health sciences. Laboratory and classroom experiences are in voluntary and official agencies which have a generalized nursing program. The course is taught in off-campus centers only.

Nsg 453. Nursing Trends. (5 quarter hours; Fall, Winter and Spring.)
An analysis of the trends and current problems in nursing and their relationship to nursing education programs and to the practice of professional nursing.

Nsg 470. Principles of Management and Leadership. (12 quarter hours; Fall, Winter and Spring 6 hours content, conferences; 2 eight hour and 1 two hour laboratory periods.)
A study of the basic principles of scientific management, leadership and interpersonal relations; and guided learning experiences and their application to nursing team leadership and head nurse positions in nursing.

Scholarship and Promotion

Academic advancement

Promotion is dependent on satisfying all academic course requirements, with no "0" grades accepted. A minimum point average of 2 is required.

Advancement examinations

The policy governing required achievement examinations shall be posted in the School of Nursing; students are expected to meet requirements of courses and achievement examinations according to current policies. All course requirements, all achievement examinations, and all validation examinations for the first three years must be completed before a student is permitted to register for the senior year curriculum.

Requirements for Graduation

General requirements for graduation from the undergraduate programs of the Medical College are listed in the introductory section and in the General Information section.

Applicable specifically to the School of Nursing:
Courses taken more than 5 years prior to graduation, if used to meet degree requirements, must be re-evaluated by the Executive Committee of the School of Nursing. Completion of all senior nursing courses is required with at least 186 quarter hours completed for graduation. All graduates must meet the requirements for the degree as outlined for that graduating class. Refer to the General Information section for grade requirements.

The College reserves the right to withhold the diploma of a student who has completed all degree requirements if her conduct fails to demonstrate appropriate social, ethical and professional standards.

Alumni Association

The Alumni Association of the School of Nursing was formed in an effort to bring the alumni members of the Medical College of Georgia School of Nursing and the graduates of the former Department of Nursing of the University of Georgia into closer relationship, to promote educational advancement and good fellowship among the graduates and students of this school, to provide for mutual understanding to help in the solving of problems common to all members, and to provide for mutual help and improvement of the educational and professional standards of nursing, in cooperation with other professional organizations.

All persons who have graduated from the Medical College of Georgia School of Nursing, or from the former Department of Nursing of the University of Georgia, are eligible for membership in the Association. A member who contributes annually to the Association is entitled to vote and hold office.

In an effort to bring members of the Association together, an annual Lectureship is held shortly before graduation, at which time developments of the School are discussed and a paper is presented by a nationally-known authority in nursing or education.

Accreditation

The School of Nursing is accredited by the National League for Nursing, and is a member agency of the Department of Baccalaureate and Higher Degree Programs.

The program also is approved by the Board of Examiners of Nurses for Georgia. Graduates are eligible to take the state licensing examination, suc-

cessful completion of which entitles the nurse legally to practice nursing and to use the title "Registered Nurse" (R.N.).

The Master of Science in Nursing Program

The School of Graduate Studies, in cooperation with the School of Nursing, offers the Master of Science in Nursing degree. Requirements for this offering are those of the School of Graduate Studies.

Objectives

The program leading to the Master of Science in Nursing degree is designed to prepare qualified students to practice as clinical specialists, as teachers in nursing or as nursing administrators. The objectives for students of the graduate program are:

- Knowledge of theory and basic concepts in the area of specialization and in contributory fields.
- Ability to apply theoretical and conceptual knowledge selectively in practice in the area of specialization.
- Ability and motivation to continually add to the body of knowledge and improve practice through independent study and experience.
- Ability to use in practice research findings in nursing and related fields, and to design, accomplish and report scientific studies in the area of specialization.

Understanding and acceptance of the responsibilities, personal, professional and community, which accompany the leadership-specialist role in nursing.

Program Offering

A student may select a major in Nursing Administration in Hospitals and Community Agencies, in Medical-Surgical Nursing or in Mental Health and Psychiatric Nursing. In the Clinical field the student may select tto prepare for clinical specialization or for teaching nursing. The practicum in teaching provides for choice of supervised experience in baccalaureate or associate degree programs, or other educational programs in nursing.

Admission Requirements and Information

See School of Graduate Studies

Curriculum

See School of Graduate Studies

Application

Application for admission to the Graduate Program in Nursing at the Medical College is made directly to the Dean, School of Graduate Studies, Medical College of Georgia, Augusta, Georgia 30902.

The program begins with the Summer quarter. The complete application should be on file at least four weeks prior to the beginning of the Summer quarter. However, it is suggested that the initial application papers be submitted during the preceding September or October, or earlier. To be complete, an application must include the report of the Graduate Record Examination (aptitude test only) and the NLN Graduate Nurse Examination scores. Information regarding the dates and places where the examinations are administered can be obtained from the School of Graduate Studies.

Applicants should confer with the major advisor of the field of choice and with the Director of the Graduate Program in Nursing regarding program planning.

Continuing Education Program

The School of Nursing established on July 1, 1970, a Continuing Education Program in Nursing (CEPIN) on a State-wide basis. This program is designed to meet the continuing needs of nurse practitioners to improve their personal and professional growth and performance. It is anticipated that in cooperation with other educational institutions and health agencies that courses will be implemented in strategic areas of the State.

Prior to each course, brochures describing the topics, meeting place, time and fees are mailed to the group of nurses for whom the course was developed.

Credits

Instruction presented in Continuing Education Program is not designed for credit toward academic degrees.

Fees

Fees are established separately for each course and are dependent on the number of guest faculty, length of course and other factors.

Direct Inquiries to:

Miss Alda L. Ditchfield, Director
Continuing Education Program in Nursing
School of Nursing, Medical College of Georgia
126 W. Trinity Place, Room 301
Decatur, Georgia 30030
Phone (404) 378-6206

The School
of
Allied Health
Sciences

School of Allied Health Sciences Calendar for 1971-1972

Fall Quarter, 1971

Last day to file applications for new admissions	August 25
Registration (Graduate students studying Anatomy)	Sept. 1
Residence Halls Open	Sept. 13
Orientation and Registration	Sept. 14
Registration	Sept. 15
Exemption exams (optional) in U.S. and Georgia Constitutions	Sept. 17
Classes Begin (50 class days)	Sept. 20
Last day for late registration and class changes	Sept. 22
Midterm: Last day to drop a course without penalty	Oct. 25
Thanksgiving Recess	Nov. 25-28
Last day of classes	Dec. 3
EXAMINATIONS	Dec. 7-10
Term Ends	Dec. 10

Winter Quarter, 1972

Last day to file applications for new admissions	Dec. 13
Registration	Jan. 3
Classes Begin (50 class days) Exemption exams (optional) in U.S. and Georgia History and U. S. and Georgia Constitutions	Jan. 4
Last day for late registration and class changes	Jan. 6
Sat. will be regular class day for the Monday schedule through the 9th period	Jan. 8
Midterm: Last day to drop a course without penalty	Feb. 7
Last day of classes	Mar. 10
EXAMINATIONS	Mar. 11, 13-15
Term ends	Mar. 15

Spring Quarter, 1972

Last day to file applications for new admissions	Feb. 28
Registration	Mar. 20
Classes Begin (50 class days)	Mar. 21
Last day for late registration and class changes	Mar. 23
Sat. will be a regular class day for the Monday schedule through the 9th period	Mar. 25
Midterm: Last day to drop a course without penalty	April 21
Last day of classes	May 26
EXAMINATIONS	May 27, 29-31
Term ends	May 31
GRADUATION	June 3

Summer Quarter, 1972

Last day to file applications for new admissions	May 22
Registration	June 12
Classes Begin (48 class days)	June 13
Last day for registration and class changes	June 14
Independence Day Holiday	July 4
Midterm: Last day to drop a course without penalty	July 16
Last day of classes	Aug. 18
EXAMINATIONS	Aug. 19, 21-23
Term ends	Aug. 23

Note: If you are unable to register and pay fees as scheduled you should inform the Registrar.

School of Allied Health Sciences

Dean: (acting) Raymond C. Bard,

The School of Allied Health Sciences at the Medical College was established as an administrative entity in 1968. Prior to this date, programs in medical illustration, medical record science, medical technology and radiologic technology had been active and, in 1967, the dental hygiene program was initiated. This current year will see the beginning of two additional programs, with the initiation of departments of occupational therapy and physical therapy. The School is organized into departments, providing programs for each of the allied health professions leading to the baccalaureate degree.

Personal interviews are not required, but are believed beneficial for all students. Such interviews may be scheduled by writing to the appropriate department chairman as soon as the applicant becomes interested. The interview offers an opportunity for curriculum planning and acquaintance with faculty and campus, and is arranged to suit the convenience of the applicant.

Fees and expenses applicable to degree candidate students are found in each department's section of this catalog.

Loans and scholarships are described in the General Information section.

General Information

General education courses for undergraduate students

The Medical College is a state supported unit of the University System of Georgia. Being a professional education institution, the college does not maintain faculty for teaching general education courses in the liberal arts and sciences. Other accredited institutions of the University System, have been designated to assume the responsiblity for offering general education courses for all baccalaureate students registered at the Medical College. Credits and grades for such courses are accepted by the Medical College directly from these institutions as though the courses were taught on the medical campus provided the student is registered at this institution while taking the courses.

Lower Divison general education courses number 100 through 399 are offered by Augusta College. These courses will be recorded on transcripts issued by the Medical College with the code designation of "AC" indicated.

Transfer Credit

A maximum of 95 academic quarter hours from a junior college, or 141 hours from a senior college or another educational institution may be transferred into an undergraduate program. See Scholarship and Promotion.

Residence

The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A. minimum of 180 quarter hours (excluding Physical Education) is required for a baccalaureate degree.

Examinations on the history and Constitutions of the United States and Georgia

Examinations on these subjects are required of all student unless exempted by presentation of course credit dealing with these constitutions and histories. A student is advised to meet this requirement early in his academic career.

Physical Education Requirements

Candidates for undergraduate degrees will present a minimum of three (3) quarters of physical education credit for graduation.

Scholarship and Promotion

An undergraduate degree shall not be conferred to any person whose overall weighted grade point average (for courses in residence) is less than 2.00. Credit hours in courses with the grade of "D" shall not exceed 20% of the total hours for any degree program. Individual curricula may establish higher standards for achievement, in which case, the higher standards shall apply.

Requirements for Degree

The candidate for an undergraduate degree must consult with the office of the Registrar and the Dean of Chairman of his program concerning completion of requirements for graduation. This consultation should be done three quarters before the expected date of graduation. Students who fail to meet this requirement forfeit any equity in the adjustment of possible errors or omissions in their programs.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar. Applications for the entering class of September, 1972, must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.

Admission Criteria

Preference will be given the applicant who has demonstrated superior academic ability. The applicant must present evidence of graduation from an accredited high school or its equivalent. Preference will be given the applicant to undergraduate programs who has emphasized high school subjects in the sciences (mathematics, chemistry, physics, biology, zoology) and the liberal arts. The entering freshman must present credentials to indicate completion of the following high school credits from an accredited high school.

	Units
English	4
Mathematics (must include one unit of algebra)	2
Science (general biology, chemistry, physics)	2
Social studies (one unit of American history)	2
Other academic units	4
Unrestricted electives	2

High school level test of General Education Development will not be accepted unless accompanied by a state high school diploma.

Scholastic eligibility standards:
An undergraduate student who is making satisfactory progress toward a degree will maintain a minimum of:

Grade Point Ratio	Total Hours attempted
1.3	45
1.6	90
1.8	135
2.0	180 — above

Suspension.

A student who falls below this standard at the end of any regular academic year will be suspended for the next regular quarter, unless he attends an approved summer school and shows marked improvement. Any full time student who fails to make a passing grade in at least one of his academic subjects may be suspended at the end of any quarter.

Probation.

A student who falls below a "C" average in any given quarter or whose cumulative average is below a "C" will be carried on probation and his records marked accordingly.

Dental Hygiene

Chairman: Julia J. Galbaugh, M.P.H.

Supervising Dentist: Bobby D. Fritz, D.D.S.

In cooperation with the School of Dentistry, this department offers a program of studies leading to the Bachelor of Science Degree in Dental Hygiene. Upon satisfactory completion of the Dental Hygiene Program, graduates will be eligible for National and State Board Examinations.

Careers In Dental Hygiene

The dental hygienist educates patients in effective personal care of the oral cavity and provides, under the supervision of a dentist, oral health care. The opportunity to serve both in the area of education and in the area of direct service affords a unique and satisfying career. The demand for competent faculty in the growing list of dental hygiene programs is opening a major new avenue for self-expression and fulfillment to many talented persons.

Dental hygiene provides a variety of opportunities for career development. The majority of dental hygienists are found in private practice in a dental office or in a group practice environment. An increasing number are serving as members of public health teams at local, state, and national levels. New opportunities in the field of education will be available in both the public schools and the dental hygiene schools. Unlike many other professions, dental hygiene offers the opportunity for either a full-time or a part-time career.

In any of these roles, the dental hygienist performs an important, meaningful service to her community. She is a respected member of society and her financial status compares favorably with those of persons in other health fields who have had comparable education.

Accreditation

The Department of Dental Hygiene is fully accredited by the Council on Dental Education of the American Dental Association.

Admission Requirements

The program requires two years of study in the Arts and Sciences, plus two years of study in dental hygiene. There are no specific course requirements for admission, but a balanced program of studies in the liberal arts and sciences is preferred.

Listed below is a suggested pre-dental hygiene curriculum:

	Quarter Hours	Semester Hours
Humanities	20	12
Natural Sciences	20	12
Social Sciences*	20	12
Philosophy or Psychology	10	6
Mathematics	10	6
Electives	10	12
Total	90	60

*Political Science 101 and History 211 or 212 are required unless a student has passed an exemption examination in these subjects.

The Council on Dental Education requires a course in speech.

Applicants with less than two years of college, but with an outstanding academic record, may be considered for admission. Deficiencies may be made up during the summer sessions or during the academic year in order to qualify for the baccalaureate degree.

It is preferred that the applicant take the Dental Hygiene Aptitude Test.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar. Applications for the entering class of September, 1972, must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.

Fees and Expenses

Estimated Student Annual Expenses	First Year	Second Year
Matriculation Fee*	405	405
Student Health fee	30	30
Student Activity fee	30	30
Books and Supplies	100	135
Instruments	150	—
Uniforms	175	—
Field trips	—	50
Housing**	330	330
Food	600	600
Personal, Miscellaneous	500	500
TOTAL	2,320	2,080

*Non-Resident Tuition (in addition to matriculation fee) $540 per year.
**See Housing section of General Information for costs of various on-campus options.

Curriculum

The curriculum for the baccalaureate program in Dental Hygiene includes the following:

Junior Year		Credit Hours
Orientation Week		
Sensitivity and Communication		0
Fall Quarter		
Pol 101.	American Government* (lecture) or Elective*	5
Anm 320.	Anatomy And Physiology (lecture)	5
Dh 300.	Clinical Dental Hygiene (clinic & demonstration)	3
Bio 301.	Introduction to Chemistry (lecture)	3
Dh 312.	Oral Anatomy and Physiology (lecture)	2
Dh 318.	Growth and Development (lecture & demonstration)	2
Dh 320.	Dental Hygiene Lecture	1
Total		21

Winter Quarter

Hst 101.	Survey of American History* (lecture) or Elective*	5
Anm 325.	Head & Neck Anatomy (lecture & demonstration)	5
Dh 301.	Clinical Dental Hygiene (clinic & demonstration)	3
Bio 302.	Biochemistry (lecture & laboratory)	3
Dh 314.	Dental Radiology (lecture)	2
Dh 321.	Dental Hygiene Lecture	1
Dh 409.	Dental Material	2
Total		**21**

Spring Quarter

Psy 225.	Psychology of Adjustment (lecture)	4
Mib 301.	Microbiology (lecture & demonstration)	3
Anm 321.	Anatomy and Physiology (lecture & demonstration)	5
Phm 311.	Pharmacology and Anesthesiology (lecture)	2
Dh 302.	Clinical Dental Hygiene (clinic)	3
Dh 315.	Radiology (lecture, Demon., & directed exp.)	2
Dh 322.	Dental Hygiene Lecture	1
Total		**21**
Year's Total Credit Hours		**63**

Senior Year		Credit Hours
Fall Quarter		
Dh 400.	Clinical Dental Hygiene (clinic)	4
Dh 404.	Periodontics (lecture & demonstrations)	2
Psy 455.	Psychology (lecture)	4
Dh 420.	Dental Hygiene Lecture	1
Dh 412.	Introduction to Public Health	4
	Elective	0-5
Total		**15-20**
Winter Quarter		
Dh 401.	Clinical Dental Hygiene (clinic)	4
Dh 406.	Pathology (lecture & laboratory)	3
Dh 407.	Dental Health Education — Public Health (lecture & demonstration)	3
Dh 408.	Preventive Dentistry (lecture & demonstration)	2
	Elective	0-5
Dh 413.	Applied Nutrition (lecture & demonstration)	2
Dh 421.	Dental Hygiene Lecture	1
Dh 423	Public Health Lecture	4
Total		**24**
Spring Quarter		
Dh 402.	Clinical Dental Hygiene (clinic)	4
Dh 409.	Dental Materials (lecture & demonstration)	2
Dh 405	Principles of Dental Hygiene Practice	2
Dh 411.	Directed Field Experience, incl. Ecology	10
Dh 422.	Dental Hygiene Lecture	1
Dh 414.	Applied Nutrition (survey)	1
Year's Total Credit Hours		**63**
Two-Year Total Credit Hours		**126**

Course Descriptions

Anm 320, 325, 321. Sequential Courses. General Gross, Microscopic and Developmental Anatomy.

Anatomy 320 and Physiology. (5 hours)
This is an integrated course of anatomy for dental hygiene students. It is initiated with cytology, early embryology, and basic histology. Following this, a study of gross anatomy, organology, and embryology is carried out on the vital systems.

Anm 325. Head & Neck Anatomy (5 hours)
Gross, Microscopic, and Developmental Anatomy (regions of the head and neck). This course includes a detailed study of these same facets of the oral cavity.

Anm 321. Gross, Microscopic, and Developmental Anatomy. (3 hours)
This course includes the systems not covered in ANM 320 (Including the endocrine system). The course is completed with the regional study of the thorax abdomen, pelvis, and extremities. (5 hours)

Bio 301. Introduction to Chemistry. (lecture)
This course is designed for those who have had no previous chemistry or mathematics courses. It is a survey of important topics in inorganic and organic chemistry. Two one hour lectures per week for twelve weeks.

Bio 302. Biochemistry. (lecture & laboratory)
The course is designed to provide the dental hygiene student with a general knowledge of the field of biochemistry. The chemical composition of body tissues and fluids together with the changes which occur in the life processes are studied. Special attention is given to those aspects of biochemistry which are more closely related to the field of dental hygiene. Four hours lecture per week for twelve weeks. (3 hours)

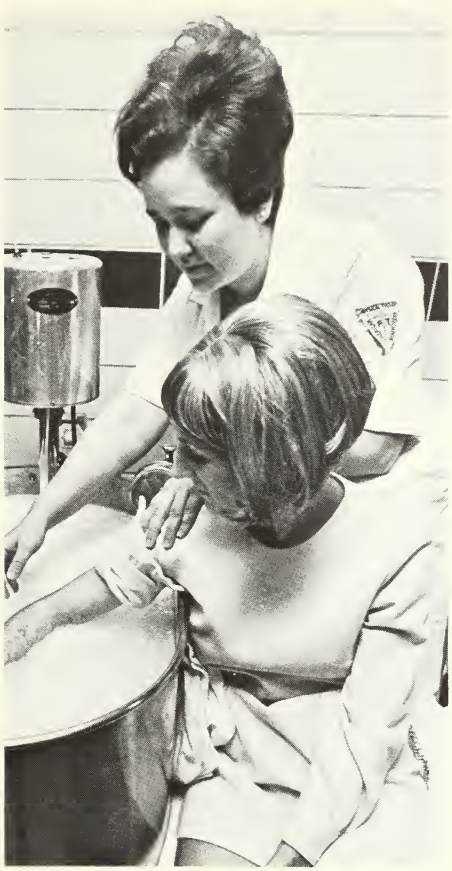
Dh 300, 301, 302. Clinical Dental Hygiene. (lecture and clinic)
The courses in Dental Hygiene are designed and taught to present to the student a concept of the interrelation of clinical service, health education and interpersonal relationships. The ethical principle of the deliverance of a health service is based on the need of the individual. (3-4-4 hrs.)

Dh 312. Oral Anatomy and Physiology. (lecture)
The course is designed to provide the student with a basic knowledge of the topographical anatomy and prenatal development of oral structures, the nomenclature of the teeth, the comparative forms and functions of the teeth, the microanatomy of the teeth and their supporting structures, and of normal and malocclusion. (2 hours)

Dh 314 & 315. Radiology. (lecture, demonstration and directed exp.)
The course is designed to acquaint the student with the fundamentals of radiology. Intra-oral technics for the taking and processing of radiographs are taught and clinical time is afforded for the application of these principles. (2-2 hours)

Dh 318. Growth and Development. (lecture and demonstration)
The concepts of maturation, variation and normalcy in children, both in a statistical and clinical sense, are presented to help the student understand children as patients. Application of these concepts are made during clinical experiences with children. (2 hours)

Dh 320, 321, 322. Dental Hygiene Lecture. (clinic 1-1-1 hr.)
The major goal of the Dental Hygiene Lecture Series is to provide the student with fundamental material and scientific knowledge to enable her to become engaged in the clinical services of an oral prophylaxis and patient education. Lectures, visual aids, and student instruction question and answer participation will be used to accomplish this goal.



Dh 400, 401, 402. Clinical Dental Hygiene. (clinic 4-5-4 hours)
An overview of the various principles and methods of performing clinical procedures will be presented, including expansion of basic techniques. Supplemental procedures will be discussed with the emphasis on prevention through treatment and patient education. Clinics provide student opportunity for practical application.

Dh 404. Periodontics. (lecture & demonstration 2 hours)
The course contains fundamental material which will provide a sound background and working knowledge of periodontics. A basic understanding of periodontics is necessary for the dental hygiene student to realize the significance of patient education and of the dental prophylaxis, her primary clinical responsibilities.

Dh 405. Principles of Dental Hygiene Practice. (lecture 2 hours)
In preparation for graduation and entry into community and professional life, discussions will be held concerning dental hygiene employment, private practice environments, legal situations, ethical codes of conduct, business procedures and professional organizations.

Dh 406. Pathology. (lecture & laboratory 3 hours)
This course is designed to familiarize the dental hygiene student with common diseases of the oral regions. Emphasis is placed on clinical manifestations, but histopathological findings are not excluded. The course is not designed to build diagnostic skills, but the student will gain an understanding of oral disease processes and should be able to differentiate normal from common abnormal structures.

Dh 407. Dental Health Education. (lecture and demonstration 3-4 hours)
The sum of experiences which favorably influence habits, attitudes and knowledge relating to individual and community health is known as Health Education.

Four phases of activities which relate to Health Education are sensitization, publicity, education, and motivation.

Dh 408. Preventive Dentistry. (lecture and demonstration 2 hours)
The theoretical basis and research evidence supporting a variety of currently accepted methods for preventing oral disease are discussed. Students are introduced to the practice of these methods in clinical situations.

Dh 409. Dental Materials. (lectures and demonstration)
The information concerning dental materials is based on physical, me-

chanical and chemical principles. The indications and limitations of materials used in both clinical and laboratory procedures will be discussed. The biologic relationships of dental materials and procedures will be stressed along with emphasis being placed on the proper manipulation of materials used by dental hygienists. (2 hours)

Dh 411. Directed Field Experience, Incl. Ecology.
Directed field experience will be given to the dental hygiene students to study the pattern and relationships between man and his environment. (10 hours)

Dh 412. Introduction to Public Health. (lecture 4 hours)
This course is designed to provide the dental hygiene student with a working definition of public health and of dental public health, to acquaint her with the nature and scope of public health activities, criteria for priorities, and the traditional tools of public health. It is intended that the student will have an understanding of the basics of the statistical method, and will be familiar with the milestones in the development of the public health movement.

Dh. 413. Applied Nutrition (lecture and demonstration 2 hours)
This course follows earlier courses dealing with bio-chemical aspects of nutrition. Oral manifestations of faulty nutrition are presented. The student is instructed in diet history taking and dietary counselling.

Dh 420, 421, 422. Dental Hygiene (lecture 1-1-1 hour)

Dh 423. Public Health. (lecture 4 hours)

Mib 301. Microbiology. (lecture and demonstration 3 hours)
A comprehensive study of microbiology for students of dental hygiene. The course covers systematic microbiology, microbial physiology and metabolism, sterilization, infection and resistance, and the microbiology of the mouth.

Mib 302. Microbiology (lecture and demonstration 3 hours)
A comprehensive study of microbiology for students of dental hygiene. The course covers the microbiology of dental caries, periodontal disease, endodontics, wound and soft tissue infection and infectious diseases with oral manifestations.

Phm 311. Pharmacology and Anesthesiology. (lecture 2 hours)
This course is designed to acquaint the dental hygiene student with certain concepts of drug action in the human. Knowledge of drugs is important so that the hygienist can assume her proper role as a member of an oral health team.

The following areas will be covered and related to oral health care: 1) General Principles of Pharmacology and Drug Action, 2(Methods of Drug Administration, 3) The Health History and Its Significance for Dental Therapy, 4) Chemotherapy and Antisepsis, 5) Autonomic and Cns Pharmacology 6) Local and General Anesthesia, 7) Therapy of Blood Defects, and 8) Therapy in Important Systemic Diseases.

Psy 255 & 455. Psychology. (lecture 4-4 hours)
This course studies the social behavior of man and treats several major social problem areas in depth. The plan of study is organized in three phases: 1) historical and developmental aspects of social behavior, 2) attitudes, interpersonal relations, group prothesis and dynamic growth and special problems in social behavior.

The first two phases in the course are taught by lecture and the third phase consists of student presentations from phase three from their term papers which are required in the course.

Medical Illustration

Chairman: Orville A. Parkes

The Medical College of Georgia offers programs leading to the Bachelor and Master of Science degrees in Medical Illustration. Students who are accepted are given instruction in the materials and techniques of medical illustration, and also are enrolled in appropriate preclinical courses.

Emphasis is placed upon the development of proficiency in depicting operative and clinical procedures, the presentation of statistical results of research, and the illustration of books and manuscripts. Of equal importance is the modeling and casting of three-dimensional anatomical models and the design and production of medical exhibits.

Stress is placed upon the acquisition of basic medical knowledge and the means by which scientific information may be converted into illustrations which are clear, concise, accurate, and aesthetic.

Nature of the Profession

Modern medicine is making increased use of the artist's talents to reach broad and varied groups through publications, television, lectures, and exhibits. To meet the exacting requirements of each communication method, the medical illustrator chooses from such media as drawing, painting, sculpture or photography, in which his renditions may be realistic or diagrammatic.

Some illustrators specialize in a single medium; others use several. At times illustrators focus their interest within one of the medical specialties. Occasionally the artist works as a member of a research team, not only to provide illustrations, but to assist with the research problem. Often the illustrator's skills are used for making artificial body parts (prosthetics) such as eyes, hands, and ears where cosmetic or functional improvement is desired.

Accredition

The Department of Medical Illustration is accredited by the Accrediting Council of the Association of Medical Illustrators.

Admission Information and Requirements

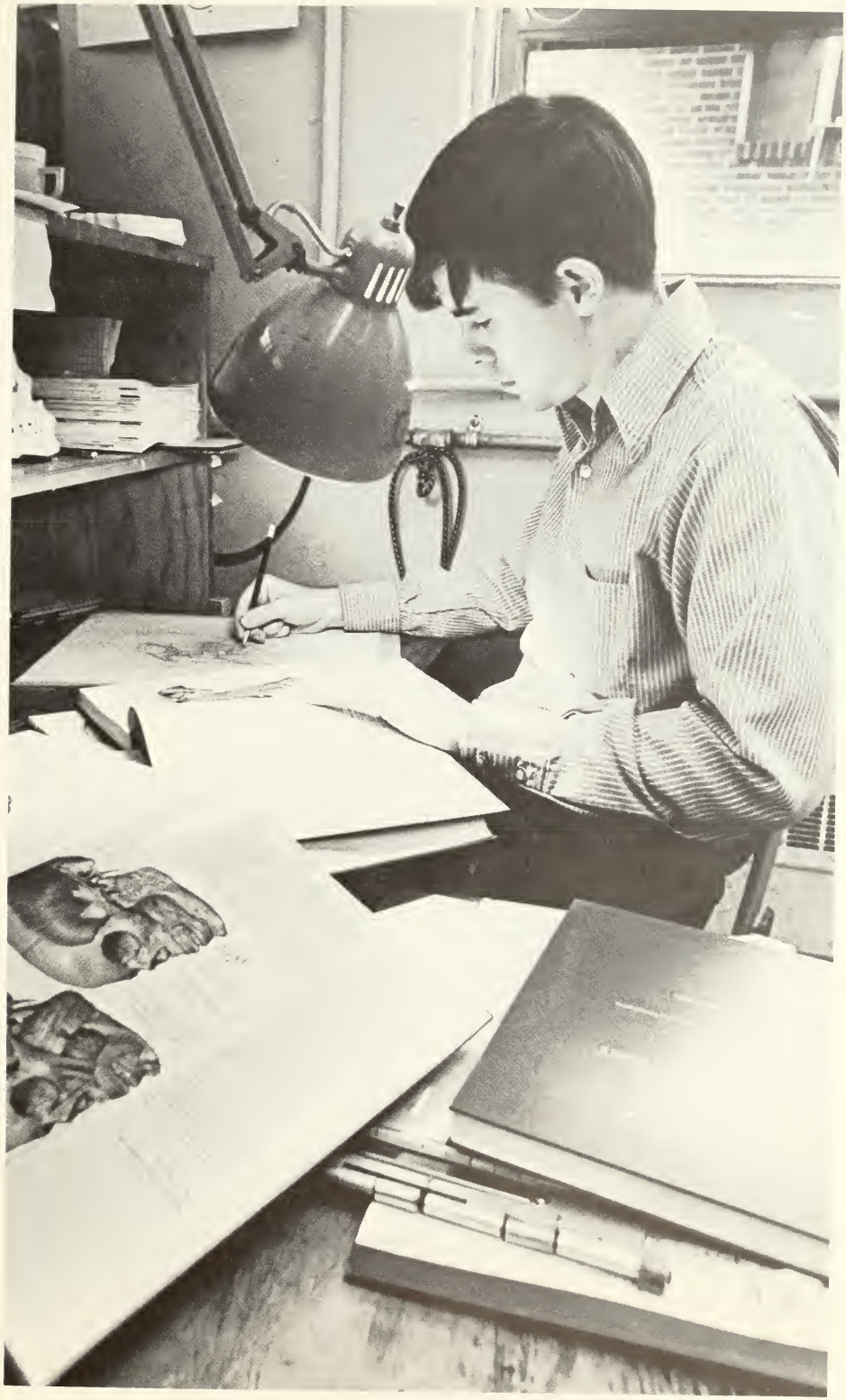
General undergraduate admission requirements and procedures are listed. Only those requirements pertinent to the program in Medical Illustration are listed here. Admission requires a high degree of artistic ability developed through training in fine and applied arts plus a general backgound in the biological sciences and the humanities. Applicants are considered on the basis of their academic qualifications, appraisals from college instructors, and evidence of trained artistic ability. Specific requirements are:

1. Attendance at any accredited college or university for at least the freshman and sophomore years, which should include acceptable coverage of certain subjects as suggested below.*

*These courses are listed simply to give the student an understanding of the desired premedical illustration curriculum.

	Quarter Hours
Science (Introductory biology, elementary and applied human physiology, comparative anatomy of vertebrates, vertebrate embryology and histology)	30
Liberal Arts (English, foreign language, history, sociology, psychology, philosophy)	20
Art (Art fundamentals, freehand drawing, perspective, figure drawing, layout and lettering, oil painting, wash drawing, art anatomy, sculpture, design)	40
Total	90

2. Submission of a portfolio of artwork which demonstrates the abilities and scope of training of the applicant.



Curriculum

The total professional curriculum leads to the degree, Master of Science in Medical Illustration. The first part of this curriculum consists of two or more years of study on the Medical College of Georgia campus, leading to the degree, Bachelor of Science in Medical Illustration. The second part consists of a year or more of work in the School of Graduate Studies which lead to the Master's degree. Students are accepted with the intention of their completion of the total curriculum, requiring three or more years of study.

Applicants who already have completed four year of college and who have received a baccalaureate degree will be enrolled in the same program outlined below as undergraduate student candidates for the Bachelor of Science degree in Medical Illustration.

Applications and portfolios must be received prior to April 1 of the year in which one is applying for entrance in September. Applicants will be notified of the final action taken on their application by May 1.

The curriculum is as follows:

First Year		Quarter Hours
Fall Quarter		
Mil 350.	Techniques of Medical Illustration I	8
Mil 355.	Presentation of Data	2
Mil 370.	Gross Anatomy	8
Winter Quarter		
Mil 351.	Techniques of Medical Illustration II	6
Mil 359.	Commercial Medical Illustration	3
Mil 361.	Ophthalmological Illustration	2
Mil 364.	O. R. and Surgical Drawing	3
Mil 356.	Presentation of Data	2
Mil 378.	Clinical Surgery	3
****Bio 314.**	Physiology	5
Spring Quarter		
Mil 352.	Techniques of Medical Illustration III	6
Mil 358.	Anatomical Sculpture	3
Mil 363.	O. R. and Surgical Drawing	5
Mil 366.	Medical Photography — Television I	2

** See Course Description

Second Year		Quarter Hours
Fall Quarter		
Mil 450.	O. R. and Surgical Drawing	6
Mil 458.	Medical Photography — Television II	2
Mil 453.	Color Rendition	2
Anm 813.	Histology	8
Winter Quarter		Quarter Hours
Mil 451.	O. R. and Surgical Drawing	6
Mil 461.	Color Rendition	4
Mil 459.	Medical Photography — Television III	3
Mil 463.	Medical Publishing	1
Mil 513	Neuroanatomy	4
Spring Quarter		
Mil 452.	O. R. and Surgical Drawing	8
Mil 462.	Color Rendition	5
Mil 460.	Medical Photography — Television IV	3
Mil 475.	Statistics	2

Fees and Expenses

Estimated Annual Student Expenses:	First Year	Second Year	Third Year
Matriculation Fee*	405	405	405
Student Health Fee	30	30	30
Student Activity Fee	30	30	30
Books and Supplies	125	75	125
Uniforms	10	10	10
Housing**	360	360	360
Food	600	600	600
Personal (laundry, travel, Misc.)	500	500	500
Total	**2,060**	**2,010**	**2,060**

*Non-Resident Tution (in addition to matriculation fee) $540 per year.
**See General Information section for various on-campus housing options.

Course Descriptions

Mil 350, 351, 352. Techniques of Medical Illustration. (Three quarters, 22 quarter hours.)
Instruction in the use of the media of the medical illustrator; carbon dust, water color wash, etc., in depicting anatomical and pathological specimens in continuous tone.

The study of illustrating medical material in line work with pen and ink; the use of the airbrush in color and black and white studies.

Mil 355, 356. Presentation of Data. (First and second quarters, 4 quarter hours.)
The use of mechanical lettering and drafting instruments in the graphic presentation of scientific data as diagrams, charts, and graphs.

Mil 358. Anatomical Sculpture. (Third quarter, 3 quarter hours.)
Elementary clay modeling of anatomical dissection and the casting of these objects in plaster.

Mil 359. Commercial Medical Illustration. (Second quarter, 3 quarter hours.)
Students prepare brochures and pharmaceutical advertising material in color from basic layout to completed mechanicals suitable for publication.

Mil 361. Ophthalmological Drawing. (Second quarter, 2 quarter hours.)
Drawings of the fundus of the eye of patients or fellow classmates are accomplished, as well as drawings of normal and pathological gross eye subjects.

Mil 364. O. R. and Surgical Drawing. (Second and third quarters, 8 quarter hours.)
Students observe operative procedures in the operating rooms of the hospital making rough sketches of procedures for later completion.
Operating room, clinic, and examining room sketches are worked into de-

tailed drawings using art media previously studied.

Mil 366. Medical Photography — Television I. (Third quarter, 2 quarter hours.)
Elementary photography and dark room techniques are studied.

Equipment used and methods of producing television presentations will be covered in this course. Graphics, animation and programming will be emphasized.

Anm 511. Gross Anatomy. (First year, 8 quarter hours.)
Dissection of a human body by students assigned in groups of four working under the supervision of the faculty.

Bio 314. Physiology. (First year, 5 quarter hours.)
A study of the principles of physiological mechanisms. Note: Students who have undergraduate credit in human physiology prior to entrance here will be exempt from this class at Augusta College.

Mil 378. Clinical Surgery. (First year, 3 quarter hours.)
An exercise in which the students perform standard operations on anesthetized animals.

Mil 450, 451, 452. Operating Room and Surgical Drawing. (Three quarters, 20 quarter hours.)
Pencil sketching in the operating rooms and clinics of the hospital.

Completion of highly detailed drawings of surgical procedures and clinical examinations.

Mil 458, 459, 460. Medical Photography — Television. (Three quarters, 8 quarter hours.)
Advanced training in the medical photography laboratories of the photographic unit, copying of charts, graphs, etc.; the photography of patients in the studio and operating areas, photomicrography and motion picture photography.

Equipment used and methods of producing television presentations will be covered in this course. Graphics, animation and programming will be emphasized.

Mil 453, 461, 462. Color Rendition. (First, second and third quarters, 11 quarter hours.)
The use of water color wash, tempera, colored pencils and airbrush in the development of drawings of clinical and anatomical subject material.

The viewing of the cavities of the body, using cystoscopes, bronchoscopes, proctoscopes, etc., and completion of drawings in color of such procedures.

Mil 463. Medical Publishing. (Second quarter, 1 quarter hour.)
Methods of publishing medical drawings and the preparation of such material for the printer and engraver. Also the ethics involved in the utilization of previously published work of other artists.

Anm 813. Histology. (One quarter, 8 quarter hours.)
A comprehensive study of the cell, the fundamental tissue and the adult organs with relation to function.

Anm 513. Neuroanatomy. (Second quarter, 4 quarter hours)
The study of the gross and microscopic structure of the human nervous system and organs of special sense.

Mil 475. Statistics. (Third quarter, 2 quarter hours.)
Lectures and specific class problems on the plotting and depicting of statistical material in various methods of presentation.

Requirements for the Bachelor of Science Degree in Medical Illustration

In addition to the 90 quarter hours of transfer credit permitted as noted in Admission Information, a minimum of 90 quarter hours of credit must be earned in this department toward the baccalaureate degree.

A grade average of "B" must be accomplished in at least 75 per cent of all courses in residence in order to meet the requirements for graduation.

Recommendation for Graduation

Recommendations for graduation are made by the faculty of the Department of Medical Illustration.

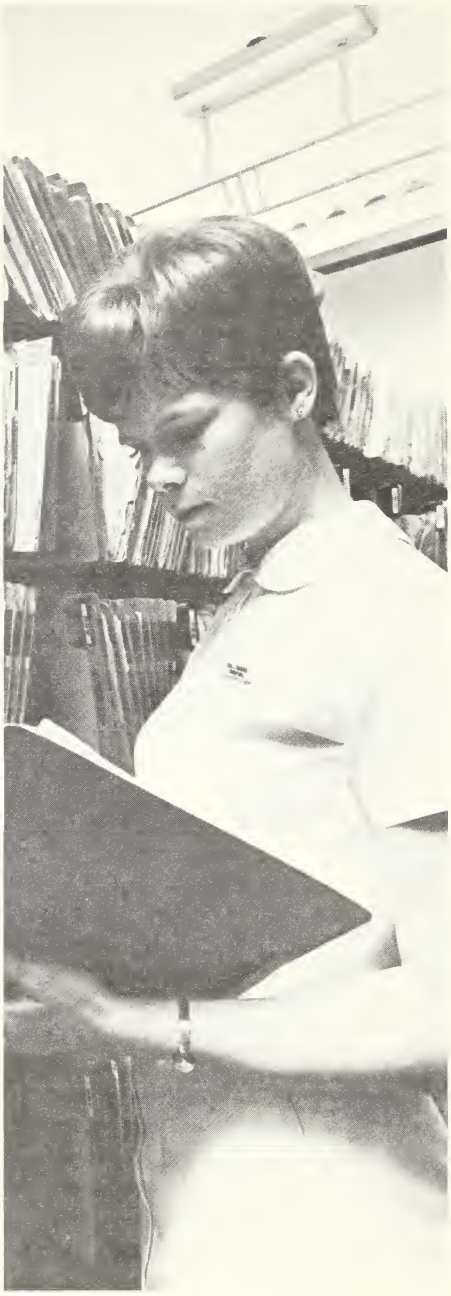
Qualifying Examination for the Master of Science Degree

During the Spring quarter of the senior year students will be given the opportunity to take the qualifying examination for admission to the graduate course of study. Prerequisites for graduate study in medical illustration are listed in the School of Graduate Studies section.

Those not successful in the examination will be expected to enroll for a third year of study following a program similar in scope but patterned on an internship in medical illustration. Completion of this academic year of study will be recognized by a certificate of accomplishment and completion of the course in medical illustration.

Graduate Year of Study

Curriculum, course outlines, and other details regarding the graduate year of study will be found in the section for the School of Graduate Studies.



Medical Record Science

Chairman: Juanita Sirmans, RRL, A.B.

This department offers a program of studies leading to the Bachelor of Science degree in Medical Record Science. This program was approved in 1962 by the Board of Regents of the University System of Georgia. Students are accepted after completion of two years of college. The curriculum of the last two years utilizes the facilities of Augusta College and the Medical College of Georgia. Professional educational activities are provided in the teaching hospital of the Medical College, Eugene Talmadge Memorial Hospital, University Hospital, and other institutions in the city of Augusta, and hospitals in other cities in Georgia and adjoining states. Student enrollment is limited.

The program of the junior and senior years includes liberal arts courses, study and experience in medical record science, statistics, fundamentals of medical science, law as related to medical records and hospitals in general, medical information handling, organization and administration and systems of processing data in medical care institutions.

Philosophy and Objectives

A medical record librarian is responsible for the development and maintenance of a system of medical records which will promote the best medical care for the patient, provide training materials for interns and residents and serve as a source of information for medical research and clinical evaluation. This profession should not be confused with that of medical librarian.

Most medical record librarians are employed in hospitals. Others work in clinics, medical research centers, medical departments of insurance companies, health agencies and local and state health departments.

The demand for qualified personnel is great and the number of unfilled positions is increasing, largely due to the increase in the number of hospitals and the complexity of medical records.

As a member of the health team, the medical record librarian works with the administrative, medical, and other professional staffs of the institution; she is concerned with the development, analysis, maintenance and use of records and reports.

The Department of Medical Record Science of the Medical College of Georgia has as its goal the education of mature persons who are capable of utilizing the vast resources of the institution to acquire knowledge and attain professional status. The student is encouraged to set his own goals and, through faculty leadership, develop to his fullest potential. It is expected that graduates will be equipped to become productive and contributory members of the profession and the institution in which they are employed and capable of accepting the responsibilities of management and service required of them. It is hoped that graduates will acquire advanced degrees and become teachers and leaders in this challenging field of health science.

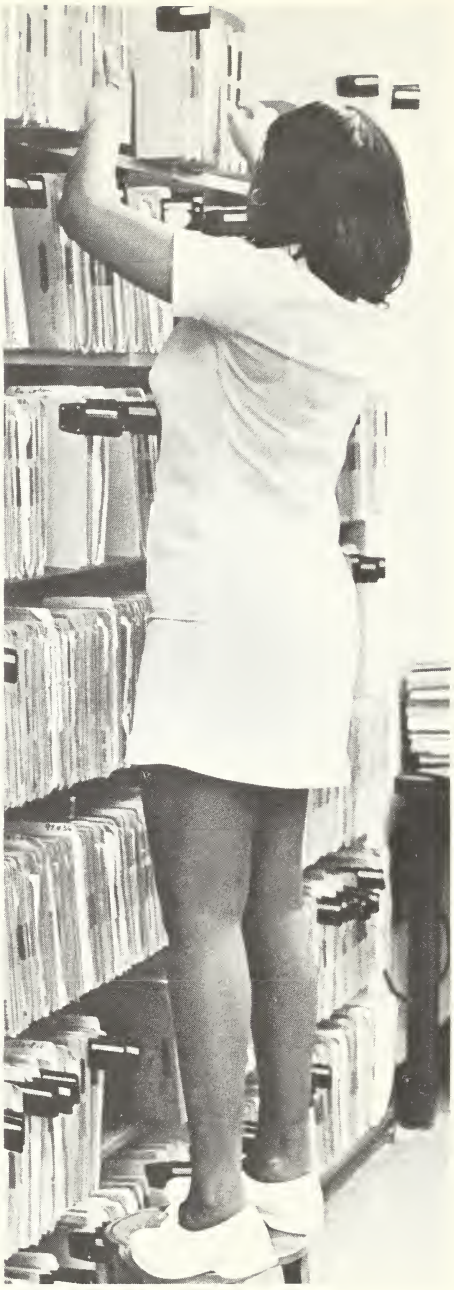
Accreditation

The Department of Medical Record Science is approved by the Council on Medical Education of the American Medical Association and by the American Medical Record Association.

Graduates are eligible for the registration examination of the American Medical Record Association, successful completion of which entitles them to use the title "Registered Record Librarian" (RRL).

Travel Releases

Students under 21 years of age will be required to file with the Chairman of the Department written permission by parents or guardian for travel by public and/or private carrier.



Admission Requirements

The applicant may attend any accredited college or university of his choice for the freshman and sophomore years; however, admission and academic requirements of the Medical College of Georgia must be met. Preference will be given to those applicants who have demonstrated superior ability in all academic areas. All applicants must satisfy the U. S. and Georgia History and Constitution requirements by examination or by taking the courses. Courses listed in the Augusta College catalog as History 211 or 212 and Political Science 101 meet this Legislative requirement and these or equivalent courses may be taken in summer school or by correspondence through the University of Georgia. It is the responsibility of each student to make arrangements for these courses or to complete satisfactorily an examination on the subjects; it is recommended that arrangements be made prior to enrollment at the Medical College of Georgia.

Accepted students transfer to the Medical College program in Medical Record Science at the beginning of the third year. Admission requirements, in addition to those listed in the General Information section, include a curriculum for the freshman and sophomore years which show a minimum of 90 quarter hours (exclusive of Physical Education) of acceptable work as follow:

	Quarter Hours
English	20
Mathematics (Algebra or Equivalent)	5-10
*Foreign Language	10
**Natural Science, to include a laboratory course in Biology	20
***Social Science and Electives	30-45
TOTAL	90

*Students find that experience in learning a foreign language will be beneficial in mastering the language of medicine. Latin is of particular value. If the student has high school credit in a foreign language, this requirement may be relinquished.

**Courses in the Natural Sciences may include general biology, chemistry, botony, vertebrate zoology or comparative vertebrate anatomy, one of which must include laboratory animal dissection. Courses in human anatomy and physiology are offered as a part of the professional curriculum at the Medical College of Georgia.

***Students are encouraged to take at least one course which will enhance their ability to analyze problems and data. Some courses appropriate from which to chose are:
Logic (Philosophy), Research Methods, Computer Programming, Higher Mathematics and Statistics.

It is also recommended that students take at least one course in Psychology. Those courses which would be of particular benefit include Principles of Psychology, Social Psychology, Personality and Adjustment, or Applied Psychology.

Either credit or proficiency in typing must be demonstrated.

All required courses must be completed prior to registration in the Fall Quarter of the senior year.

The faculty of the Department of Medical Record Science is prepared to assist prospective students in planning courses for the first two years of college.

Fees and Expenses

Estimated Student Annual Expenses	First Year	Second Year
Matriculation fee*	405	405
Student Health fee	30	30
Student Activity fee	30	30

*Non-Resident tuition (in addition to matriculation fee) $540 per year.

Estimated Student Annual Expenses	First Year	Second Year
Books and Supplies	100	75
Uniforms	75	—
Instruments	25	—
Field Trips	—	50
Housing**	330	330
Food	600	600
Personal, miscellaneous	500	500
Total	2,095	2,020

*Non-Resident tuition (in addition to matriculation fee) $540 per year.
**See General Information section for the cost of on-campus housing options.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar. Applications for the entering class of September, 1972, must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.

Special Fees and Expenses

The student should make provision for living expenses for one month while on assignment to hospitals outside the city of Augusta. Students are encouraged to attend professional meetings for which they will bear the expense of travel, room and board, and registration fee. Such meetings do not usually last more than two days.

Financial Assistance

The American Medical Record Association has limited funds for loans to students in this program. Information may be secured from the office of the Chairman of the Department of Medical Record Science.

Curriculum

At the beginning of the third year of college the student enters the program at the Medical College of Georgia. Courses in the professional program are offered on this campus and at Augusta College. Organized courses are described below. Directed experiences are planned in several hospitals, principally at Eugene Talmadge Memorial Hospital, the teaching hospital for the Medical College of Georgia.

Junior Year

		Quarter Hours
Fall Quarter		
Mrs 319.	Fundamentals of Management	3
Anm 320.	Anatomy and Physiology I	5
Mrs 309.	Orientation to the Hospital Environment	1
Sta 301.	Elementary Medical Statistics	3
Mrs 301.	Medical Terminology I	3
TOTAL		15
Winter Quarter		
Anm 321.	Anatomy and Physiology II	5
Mrs 310.	Theory of Medical Record Science	5
Mrs 320.	Organization and Administration I	3
Mrs 340.	Directed Experience I	1
Mrs 302.	Medical Terminology II	2
TOTAL		16
Spring Quarter		
Mrs 311.	Theory of Medical Record Science	5
Mrs 321.	Organization and Administration II	3
Mrs. 341.	Directed Experience II	2
End 472.	Principles of Genetics	2
Elective		5
TOTAL		17

Senior Year

		Quarter Hours
Fall Quarter		
Mrs 401.	Fundamentals of Medical Science I	5
Mrs 410.	Theory of Medical Record Science III	6
Mrs 420	Organization and Administration III	3
Mrs 422.	Legal Concepts for the Health Fields	3
Mrs 440.	Directed Experience III	1
TOTAL		18

Winter Quarter		
Mrs 402.	Fundamentals of Medical Science II	5
Mrs 411.	Theory of Medical Record Science IV	3
Mrs 421.	Organization and Administration IV	3
Mrs 430.	Data Processing Systems I	6
TOTAL		17
Spring Quarter		
Mrs 425.	Director's Seminar	3
Mrs 431.	Data Processing Systems II	3
Mrs 441.	Directed Experience IV	6
TOTAL		12

Anm 320, 321. Anatomy and Physiology: (10 quarter hours (5,5).)
A course in human anatomy and physiology designed especially to meet the needs of students in the allied health sciences consisting of lectures and laboratory activities.

Sta 301. Elementary Medical Statistics. (3 quarter hours.)
Basic statistical principles, sampling, classification of data, classification of types of studies, interpretation and methods of presentation of medical information.

End 472. Principles of Genetics. (2 quarter hours.)
Demonstrations of the principles of human heredity.

Mrs 301, 302. Medical Terminology. (5 quarter hours (3,2).)
The analysis, meaning and use of terms related to all areas of medical science, hospital and services and health related fields.

Mrs 309. Orientation to the Hospital Environment. (1 quarter hour)
An introduction of the new student to a new environment through lectures, discussions and observations.

Mrs 310, 311, 410, 411. Theory of Medical Record Science. (19 quarter hours 5, 5, 6, 3 respectively).
Theory of record keeping in medical care institutions; securing analysis and preservation of records, coding and indexing medical information; research techniques. Laboratory practice for proficiency.

Mrs 319. Fundamentals of Management. (3 quarter hours.)
An introductory study of the management process and the fundamental functions of planning, organizing, actuating and controlling with emphasis on managerial planning.

Mrs 320. Organization and Administration I. (3 quarter hours.)
A study of the planning function of management as related to office management in a medical record department.

Mrs 321. Organization and Administration II. (3 quarter hours.)
An in-depth study of the organizing and controlling functions of management.

Mrs 420. Organization and Administration III. (3 quarter hours.)
A study of the actuating function of management covering such topics as psychology of personnel, selection

and placement of personnel, employee training, salary administration, and supervision.

Mrs 421. Organization and Administration IV. (3 quarter hours.)
Student projects and research designed to utilize skills and knowledge from other courses related to management of a medical record department. Independent study.

Mrs 340, 341, 440, 441. Directed Experience. (10 quarter hours 1, 2, 1, 6 respectively).
Supervised learning experience through which the student develops insight, understanding and skill in record keeping in hospitals and other medical institutions. The student learns to deal with problems of department and personnel management, accepts responsibilities for certain jobs in the medical record department, gains experience in working with professional and non-professional groups in a health agency and recognizes the need for preservation of the confidentiality of medical information.

Mrs 401, 402. Fundamentals of Medical Science. (10 quarter hours 5,5.)
An introduction to medical science including study of nature and cause of disease, treatment and management of patients presented by physicians representing all of the major clinical areas of medicine.

Mrs 422. Legal Concepts for the Health Fields. (3 quarter hours.)
Principles of law affecting health records; rights of persons requiring information from medical records; medicolegal problems; court procedures; principles of ethics; management of release of information from hospital medical records.

Mrs 425. Director's Seminar. (3 quarter hours.)
Seminar on situations encountered in medical record departments in hospitals, clinics, and other medical facilities.

Mrs 430. Data Processing Systems I. (6 quarter hours.)
Theory of hospital, medical and vital statistics with review of basic mathematical principles employed and an introduction to units used in processing data, to include methods and procedures of manual and electronic means. Basic principles of flow charting for data handling and fundamentals of machine application with emphasis on electronic computers and auxiliary equipment. Systems Analyst Consultant.

Mrs. 431. Data Processing Systems II. (3 quarter hours.)
Practical application of principles and procedures presented in Mrs 430.

Postbaccalaureate Professional Training in Medical Record Science

Special arrangements may be made for those having degrees who wish to take the professional training program, provided they meet certain basic course prerequisites.

Medical Technology

Chairman: Walter L. Shepeard, M.D.

The College's School of Allied Health Sciences offers a program leading to the Bachelor of Science degree in Medical Technology. In this program the student may attend any accredited college for the freshman and sophomore years, following the prescribed curriculum.

During the sophomore year the student should apply for transfer to the College. If accepted, the student transfers to the Augusta campus at the beginning of the junior year. The number of students accepted is governed by the general admission policies of the College and the regulations of the Board of Schools of Medical Technology (ASCP-ASMT).

The program for the junior and senior years includes courses in the liberal arts and sciences as well as the practical and theoretical aspects of the various disciplines related to diagnostic procedures in hospital laboratories. The program in medical technology is undergoing continuing changes in keeping with the times.

Objectives

Medical technology is important because it permits the physician to make more definitive and precise diagnoses. The primary objective of this academic program is to train capable young people in the philosophy and methodology of the field of medical technology in order that this discipline may be effectively manned by knowledgeable and skilled personnel. It is hoped also that some of these people will be inspired to acquire graduate degrees and become teachers and leaders in medical technology.

Fees and Expenses

Special Financial Assistance

Medical technology students are paid a stipend in their senior year.

Estimated Student Annual Expenses	First Year	Second Year*
Matriculation fee**	405	540
Student Health fee	30	40
Student Activities fee	30	40
Books and Supplies	210	280
Uniforms	—	100
Housing***	330	440
Food	600	800
Personal, miscellaneous	500	675
Total	**2105**	**2915**

*Second year requires four quarters to complete.

**Non-Resident Tuition (in addition to matriculation fee) $180 per quarter.

***See General Information for the cost of on-campus housing options.

Accreditation

The Medical Technology program is approved by the Council on Medical Education of the American Medical Association in collaboration with the Commissioner of Medical Technology and with the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

Graduates are eligible for examination by the Registry of Medical Technologists of the American Society of Clinical Pathologists, the only official national certifying agency approved by organized medicine and so recognized by accredited colleges.

Total Requirements for B.S. Degree

	Quarter Hours
Humanities (English)	20
Including, but not limited to grammar, composition, and literature (English, French, German, Italian, Spanish, or Russian)	
Mathematics	10
Sciences	60
A. Chemistry	25-30
Courses from the following:	
General Chemistry I-II	
Quantitative Analysis	
Qualitative Analysis	
Organic Chemistry I-II	
Biochemistry	
B. Biology	
Courses from the following:	
Cell and Molecular Biology	
Anatomy	
Physiology	
Zoology, invertebrate, vertebrate	
Bacteriology	
Parasitology	
Mycology	
Histology	
Histologic Technique	
Genetics	
Ecology	
Comparative Anatomy	
Instrumentation — Medical Terminology	
C. Physics	5
Social Sciences	30-35
Political Science*	
American History* and:	
Four courses from:	
Anthropology	
Economics	
Geography	
History	
Philosophy	
Psychology	
Sociology	
Fine Arts	

*All applicants must satisfy the U.S. and Georgia History and Constitution requirements by examination or by taking the courses. If these requirements are met by examination, 5-15 additional hours of electives are substituted.

	Quarter Hours
Free Electives	15-20
These will vary as needed to meet (1) minimum of 195 hours (2) all residence and senior division requirements (3) any scholastic requirements, such as raising the academic average.	
Medical Technology Courses	60-66
Clinical Chemistry	
Clinical Microbiology	
Medical Technology Seminar	
Immunohematology Related to Transfusion Service	
Clinical Hematology	
Special Procedures	
Directed Individual Study	
Total Academic Hours (minimum)	**195**

Requirements for Admission

The applicant may attend any accredited college or university of his choice for the freshman and sopho-

more years. Admission and academic requirements of the Medical College must be met. If accepted, the student transfers to the Medical College at the beginning of the third year. Other requirements, in addition to general admission are listed in the General Information section.

1. Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar. Applications for the entering class of September, 1972, must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.
2. A personal interview with the Chairman, or other designated faculty members.
3. The curriculum for the freshman and sophomore years showing a minimum of 90 quarter hours (exclusive of Physical Education) of acceptable work, including the following courses:

	Quarter Hours
Humanities and English	20
Sciences	45-50
Chemistry	15-20
Biology	15-20
Mathematics	10
Physics	5
Social Science	5-15
Political Science	
American History	
Free Electives	5-10
Total	**90**

Curriculum

Courses in liberal arts will continue during the junior year in cooperation with Augusta College.

The Council on Medical Education and Hospitals of the American Medical Association requires twelve months of instruction in hospital training in the various disciplines related to diagnostic procedures. Therefore, the senior year for medical technology students consists of four full academic quarters.

	Quarter Hours
Junior Year	
Chemistry. Courses from the following	5-10
Chm 103. General Qualitative Analysis	
Chm 245. Basic Organic Chemistry and Biochemistry	
Chm 281. Quantitative Inorganic Analysis	
Chm 341. Organic Chemistry I	
Chm 342. Organic Chemistry II	
Biology. Courses from the following	10-15
Bio 201. Invertebrate Zoology	
Bio 202. Vertebrate Zoology	
Bio 211. Introduction to Microbiology	
Bio 301. Cell and Molecular Biology	
Bio 302. Genetics and Development	
Bio 312. Comparative Vertebrate Anatomy	
Bio 314. Principles of Physiology	
Bio 315. Histology	
Anm 320. Anatomy and Physiology	
Anm 321. Anatomy and Physiology	
Mrs 301 A. Medical Terminology	
Mtc 362. Instrumentation	
Social Sciences. Courses from the following	10-15
Philosophy — Psychology	
History — Fine Arts	
Geography — Anthropology	
Sociology — Economics	
Electives	5-15
Senior Year	
Mtc 440. Clinical Chemistry	15
Mtc 441. Clinical Chemistry	3
Mtc 448. Microbiology	16
Mtc 472. Immunohematology Related to Transfusion Service	10
Mtc 481. Hematology	13
Mtc 484. Special Procedures	0
Mtc 493. Medical Technology Seminar	1
Mtc 494. Directed Individual Study	0-5

Mrs 301A. Medical Terminology. (3 quarter hours.)
A study of anatomy and terms related to all medical science, hospital services and health related specialties, taught as a part of

Mrs 301 by the Department of Medical Record Science.

Mtc 362. Instrumentation. (2 quarter hours.)
A course in laboratory instrumentation covering the working principles of those instruments used in laboratory medicine.

Mtc 440 & 441. Clinical Chemistry. (15-3 quarter hours.)
A transition from basic chemistry to chemistry as applied to medicine. Fundamental concepts as they pertain to colloids in physical chemical concepts in relation to carbohydrates, fats, and proteins. Methodology of examination of body fluids secretions and excrements including basic analysis and microscopic examination of urine and the use of these as a diagnostic tool.

Mtc 448. Clinical Microbiology. (16 quarter hours.)
Distribution and nature of pathogenic microorganisms; mechanism of transmission, pathogenesis; means of control or prevention; methods of isolation and identification as well as related serological methods. Includes bacteria, fungi, and parasites. Theoretical and practical knowledge is increased by preceptorship, the students working with materials and problems related to the services and functions of the division. Included is practical experience in mycology, bacteriology, parasitology, agglutination, and immunological procedures that are applicable to the identification of organisms or clinical entities other than those related to blood banking.

Mtc 472. Immunohematology Related to Transfusion Service. (10 quarter hours.)
A basic outline of immunogenetics, the fundamentals of antigen-antibody reactions, and a survey of the various blood group systems as they relate to medicine with practical experience and personal instruction in all aspects of blood banking, including donor room experience from the interviewing of donors to the proper drawing of a unit of blood. In the preparation areas, the proper procedures and controls in the preparation of a unit of blood for distribution to the crossmatching line are taught. In problem assignments students learn how to approach the identification of an unknown antibody, the titering of antibodies, and how to work toward the identification of an unknown blood group.

Mtc 481. Clinical Hematology. (13 quarter hours.)
Introduction to fundamental principles of formation, fluidity and coagulation of the blood with practical experience in the theories and problems of hemoglobinometry from the standardization of the instruments to bench work. Practical experience is given in the identification of various cell types. Experience is gained in recognizing abnormal cells as they appear in smears from patients with blood dyscrasias. The automatic instruments of pipetting and cell counting are used to gain familiarity with their use and the theory of the principles upon which they are based. In coagulation, students take part in the team that does the various battery of tests to elucidate the problem of abnormal bleeding or those done to control therapy.

Mtc 484. Special Procedures. (No credit)
Three activities are undertaken in this course. (a) The principles and practices in the use of the electrocardiography. (b) Discussions of princi-

ples of basal metabolism. (c) Basic theories of preparation, sectioning and staining of tissue.

Mtc 494. Directed Individual Study. (0-5 quarter hours.)
Credit to be arranged.

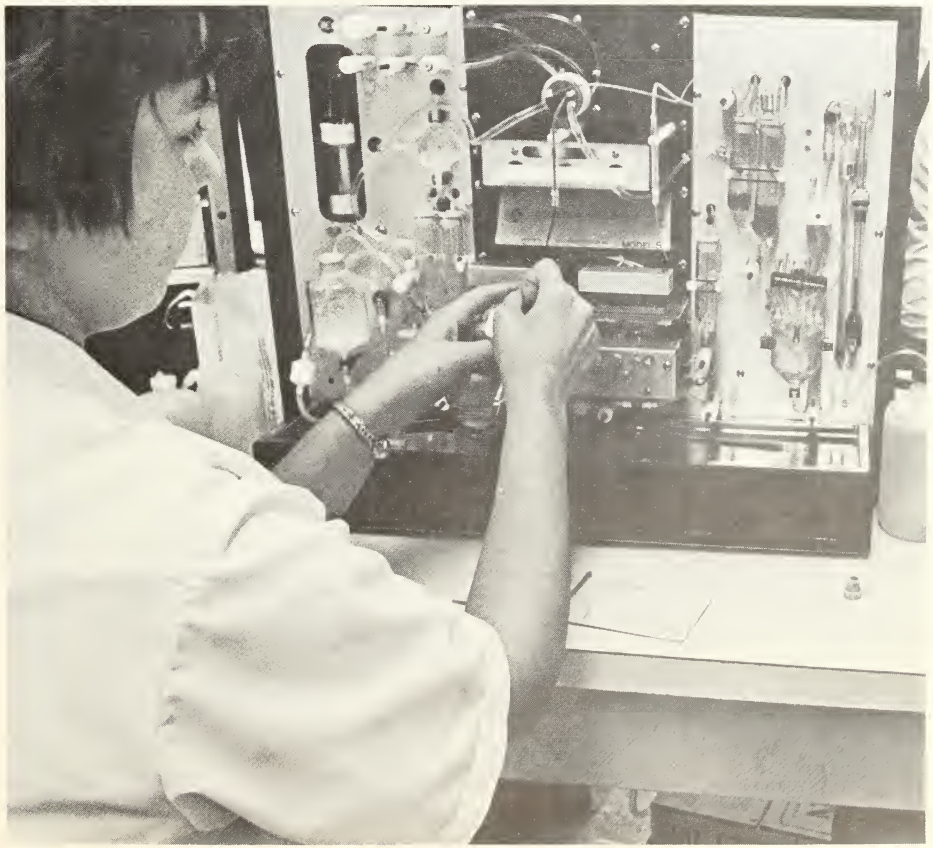
Requirements for Graduation

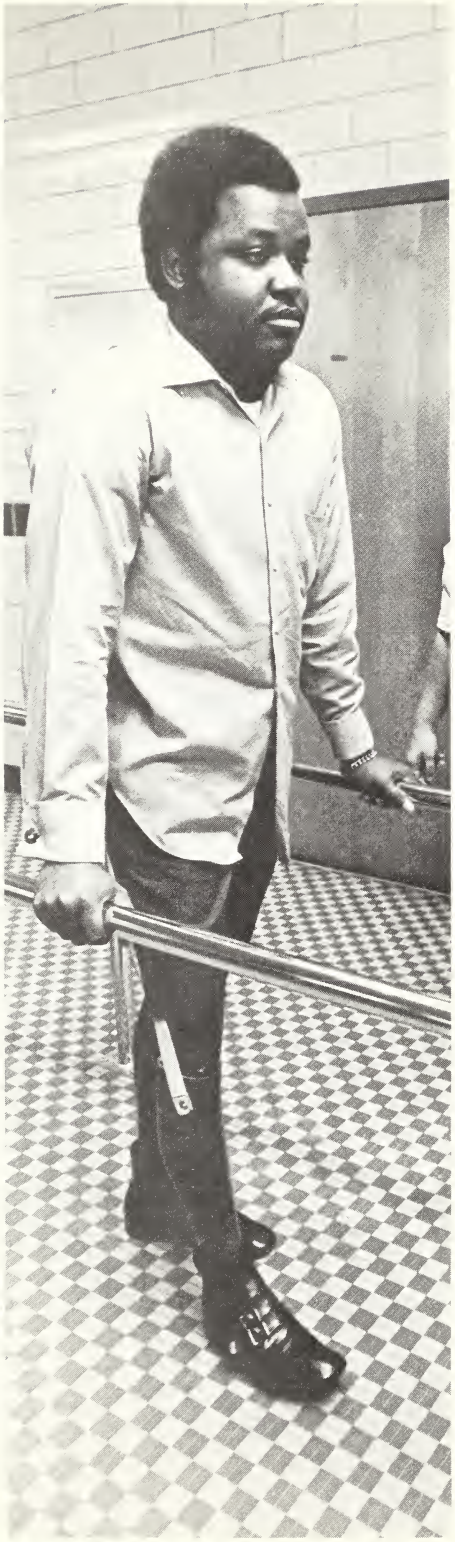
All students must satisfactorily complete all course and laboratory requirements in the Medical Technology program.

Other Programs

The program in Medical Technology, offered by the College in conjunction with the University of Georgia, will continue as follows:

Following satisfactory completion of 165 quarter hours of prescribed work at the University, the student will spend the following twelve months at the Medical College, registering for classes at the beginning of any quarter. After acceptable completion of a year's study on the medical campus, the student returns to Athens to receive his degree of Bachelor of Science with a major in Medical Technology.





Department Of Physical Therapy

Chairman: Bella J. May, Ed.D.

Objectives

Physical therapy is one of the allied health professions dedicated to the rehabilitation of handicapped individuals. As a member of the health team the physical therapist utilizes a variety of therapeutic measures, including exercise, heat, electricity, etc., to help the patient regain the maximum amount of function possible within the limits of his disability.

Patients are referred to the physical therapist by physicians who guide the overall activities of the health team. The physical therapist must be able to determine the extent of functional loss then plan and execute an appropriate therapeutic program in close cooperation with the physician, nurse, occupational therapist, social worker and other health care professionals.

Physical therapists are employed in a variety of health care facilities such as hospitals, rehabilitation centers, convalescent homes, schools, public health facilities, and clinics; some enter private practice. In addition to direct patient evaluation and treatment they may be called upon to supervise personnel, serve as consultants for various community agencies, teach or do research.

Physical therapy is an interactive process with the patient as a full partner in the program. The physical therapist must establish a cooperative relationship with each patient and his family. It is imperative for the physical therapist to have an understanding of human behavior and responses and to find the human relation process interesting and fulfilling. He must also have an interest in and an aptitude for scientific study.

Opportunities

Physical therapy is a rapidly expanding career field with projected needs far greater than available personnel. Salaries are commensurate with other professions requiring baccalaureate degrees; opportunities for advancement are limited only by the individual's capabilities and motivation. Increasing public demand for a greater quantity and an improved quality of health care services will continue to increase the employment opportunities. The recent addition of the physical therapy assistant as a technical worker in this field will free the professional for greater involvement with varied and challenging health care positions.

Admission Requirements

Applicants may attend any accredited college or university of his choice for the freshman and sophomore years; however, all requirements of the Medical College of Georgia must be met. Preference will be given to those applicants who have demonstrated superior ability in all academic areas. In planning his course work for the first two years the student should provide himself with a broad base of experiences to help him identify his areas of interest and competence as well as to give him a wide background to meet the varied challenges of modern society. Physical therapy is a profession which requires a knowledge of human behavior, physical and psychological, as well as a knowledge of man's history, literature, art, music, communicative skills, society past and present, economic problems, educational patterns and business methods. Prospective applicants are encouraged to contact the Department of Physical Therapy early in their academic careers to insure their completing the necessary prerequisites. Accepted students are admitted to the program at the beginning of the junior year of study.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar.

Early application is recommended. No application fee is required.

1. It is best to complete all application requirements by April 30 of the year in which one is applying for admission in September. Applications completed after this time will be considered on a space available basis.
2. Have a personal interview with the Chairman or other designated person prior to April 30 of the year one is applying for fall admission.
3. Have completed at least 90 quarter hours (60 semester hours) exclusive of physical education with a minimum grade point average (on a 4.0 system) of C (2.0) overall and C (2.5) in the sciences.

Completed applications will be reviewed in May of each year and applicants will be notified of the final action on their applications by June 1.

Financial Aid

In addition to the sources of financial aid available to all College students there are some sources available specifically for students enrolled in a physical therapy curriculum. For information on these sources contact: Chairman, Department of Physical Therapy, Medical College of Georgia.

Specific Requirements

In addition to the general admission requirements listed by the Medical College, School of Allied Health Sciences, applicants should have:

	Quarter Hours
Humanities	20

This should include at least 2 courses in grammar, composition, or writing skills. The remainder may be in literature, art,music, foreign languages, etc., or a combination of these areas.

Social Science	15

Including but not limited to history, political science, sociology, anthropology, philosophy, etc. Prior to graduation students must satisfy the U.S. and Georgia History and Constitution requirements by examination or course work. It is recommended that this be completed prior to transfer to the College.

Psychology	10-15

In addition to general or introductory psychology, the student should try to select courses dealing with some aspect of human behavior and human growth and development.

Mathematics	5
Sciences	
Chemistry	5-10
Physics	5-10

Students must complete at least one laboratory course each in general chemistry & general physics. It is recommended that at least 2 courses be taken in each area.

Biology	15

Students must complete at least 3 laboratory courses in the biological sciences. Acceptable courses include: Biology, zoology, embryology, genetics, and other laboratory courses in the biological sciences.

Electives	5-15

Fees and Expenses

Estimated Student Annual Expenses	First Year
Matriculation fee*	405
Student Health Fee	30
Student Activity fee	30
Books and Supplies	150
Uniforms	60
Field Trips	75
Housing**	300
Food	600
Personal, miscellaneous	500
Total	**2,150**

*Non-resident tuition (In addition to Matriculation fee) $540 per year.
**These are approximate costs for those who wish to live on campus.

Special Needs

Students who are accepted into the program must be prepared to travel to facilities throughout the Southeast United States to complete the internship requirements following the senior year of study. Some travel may also be required to facilities in Georgia and South Carolina during the junior and senior years. Financial assistance for these additional expenses cannot be guaranteed although every effort will be made to assist students with major financial problems.

The Curriculum

A new curriculum is being developed for initiation in the fall quarter of 1971. The curriculum covers the junior and senior years leading to a Bachelor of Science degree with a major in physical therapy. A detailed study of normal human function, structures, and systems is followed by a study of the various pathological conditions which interfere with function and the medical, surgical and therapeutic procedures which are utilized to enable the patient to regain the maximum amount of function possible. Students are also introduced to basic research procedures, supervisory and management activities and educational systems in health care.

Classroom, laboratory, clinical and independent study experiences are provided. Following the two academic years, students complete a period of internship for not more than four months. The clinical facilities are selected to provide a broad base of experiences in a variety of settings.

The curriculum has been designed to meet the accreditation requirements of the Council on Medical Education of the American Medical Association and of the American Physical Therapy Association. Graduates will be eligible for the licensing examination required for the practice of physical therapy.

Radiologic Technology

Chairman: C. H. Hall, R.T.
Medical Director: Mark D. Brown, M.D.

Objectives

During the last decade there has been great progress and expansion in medical sciences, including the field of Radiologic Technology.

In order to make the best use of the larger and more complicated Radiological installations in modern medicine it is essential that technologists entering the field, should have a broader education that was the case in the past.

The programs at the College were inaugurated to produce Radiologic Technologists with the kind of educational background that will better enable them to deal with these recent developments.

Radiologic Technologists with some years of experience are encouraged to enter the program in order to improve their education so that they may put the technical knowledge they have gained, to better use.

Those students entering the field for the first time will be better prepared, after some years of working experience, to move on into positions of leadership and responsibility.

Accreditation

The Radiologic Technology programs comply with all policies, standards and procedures established by the American Registry of Radiologic Technologists and has the approval of that body together with the approval of the Commission on Technician Affairs of the Board of the American College of Radiology. The department of Radiologic Technology in the School of Allied Health Sciences at the College in cooperation with the Department of Radiology offers the following programs in Radiologic Technology.

Bachelor of Science Degree (open to high school graduates)

A four year program, awarding credit for college courses and practical experience in x-ray techniques, leading to a Bachelor of Science degree in Radiologic Technology. Students in this program are required to pass the examination given by the American Re-

gistry of Radiologic Technologists before a degree is awarded.

Bachelor of Science Degree (open to Registered Technologists)

A three year course, open to Registered Radiologic Technologists, offering a Bachelor of Science degree in Radiologic Technology. Upon proof of registration, students who pass a validation examination may be awarded 45 quarter hours of college credit in Radiologic subjects.

Registration In Radiologic Technology

A two year program, for high school graduates, leading to certification as a Radiologic Technologists by the American Registry of Radiologic Technologists, upon successful completion of its examination. This course does not carry college credits.

Registration In Nuclear Medicine Technology

A one year course in Nuclear Medicine Technology leading to registration as an Isotope Technologists by the American Registry of Radiologic Technologists. To enter this program an applicant must be a registered Radiologic Technologists, Medical Technologists, a Registered Nurse, or have completed two years of college work with emphasis on scientific subjects.

Students enrolling in the degree program follow a course combining scholastic studies at Augusta College and highly specialized on-the-job training within the Department of Radiology at the College. The prevailing academic standards at both these institutions must be met.

All radiologic courses closely follow the recommendations set forth in the Curriculum and Teachers Syllabus for Schools of Radiologic Technology, published by the American Society of Radiologic Technologists.

Requirements For Admission

The general requirements for admission are set-out in General Information. In addition, the nature of the work to be undertaken, requires that an applicant be healthy and of good physique. The applicant must also show an understanding and sympathetic appreciation of the needs of sick patients. Preference will be given to those applicants who have demonstrated superior academic ability, particularly in scientific subjects.

Application Procedure

Application forms with instructions for completing the admission procedure may be obtained from the office of the Registrar. Applications for the entering class of September, 1972, must be filed no later than twenty-one days prior to registration. Early application is recommended. No application fee is required.

Fees & Expenses

Fees are not required for programs (3) and (4) but the student health fee of $10 per quarter and the student activities fee of $10 per quarter is required of all students. A sum of $60 should be allowed for books and incidental expenses. Students provide for their own food, lodging and uniforms. Students may live on campus for a reasonable fee, see General Information.

To offset some of these expenses technologists in training may receive a stipend in return for the hospital services they provide in the course of training. The stipend is graduated in accordance with the level of radiographic experience at which the student operates and upon condition that their performance is satisfactory.

Estimated Student Annual Expenses	First Year	Second Year	Third Year	Fourth Year
B.S. Program				
*Matriculation fee	405	405	405	405
Student Health fee	30	30	30	30
Student Activities fee	30	30	30	30
Books and Supplies	50	50	50	50
Uniforms	100	100	100	100
Instruments	25	25	25	25
Field Trips	50	50	50	50
**Housing	330	330	330	330
**Food	600	600	600	600
**Personal, miscellaneous	500	500	500	500
TOTALS	**2120**	**2120**	**2120**	**2120**

Certificate Program		
Student Health Fee	30	30
Student Activity Fee	30	30
Books	50	50
Uniforms	100	100
**Housing	300	300
**Food	600	600
**Personal	500	500
TOTALS	**1610**	**1610**

*Non-resident tuition (In addition to Matriculation fee) $450 per year.
**These are approximate costs for those who wish to live on campus.

Curriculum

	Quarter Hours		
College English 101, 102	10	Social Science (Select three)	15
Humanities 221, 222	10	Business 101	
College Math 101, 102	10	Economics 101	
*History 211 or 212	5	Speech 101	
*Political Science 101	5	Psychology 101	
Physical Education (3 quarters)	0	Philosophy 101, 301	
Education 304	5	Sociology 101	
Science (select four)	20	Western Civilization 115, 116	
Physics 201, 202, 203		General Electives	10
Chemistry 101, 102, 103, 245		Radiology 101, 102, 102	15
Biology 101, 102, 111, 112		Radiology 201, 202, 203	15
Anatomy 320, 321		Radiology 301, 302, 303	15

Radiology 401, 402, 403	15
Radiology 431	5
Radiology 451	5
Radiology 452	5
Medical Record Science 401	5
Further elective from the following or other courses suggested by advisor:	
Radiology 441	
Radiology 461	
Medical Record Science 402	
Genetics 472	
Statistics 301	
	10
TOTAL	**180**

*Electives may be substituted for these courses if these requirements have been met by the exemption examinations on the history and Constitutions of the United States and Georgia.

Course Descriptions

Rad 101, 102, 103. Radiologic Technology.
Consisting of both didactic and practical instruction covering the history, art, and science of practical radiography at an introductory level.
The subject matter consisting of:
1) Radiological Positioning
2) Radiological Terminology
3) Radiological Anatomy
4) Radiological Film Critique
5) Radiological Techniques
6) Practice in simple radiography and an introduction to radiation therapy.

Rad 201, 202, 203. Radiologic Technology.
A continuation of courses 101, 102, 103 with practice in more advanced radiographic procedures.

Rad 301, 302, 303. Radiologic Technology.
This course consists of Radiologic Technology at the advanced level stressing independent operation of equipment.

Rad 401, 402, 403. Radiologic Technology.
A continuing study of radiographic techniques at a high level, but with an opportunity to specialize for a quarter each in one of the following, at the descretion of the advisor.
1) Departmental management
2) Diagnostic Procedures
3) Hemodynamics
4) Nuclear Medicine
5) Radiation Health Physics and Protection
6) Radiation Therapy
7) Special Procedures
8) Teaching

Rad 431. Advanced Radiologic Physics.
This course covers radiation physics, radiation therapy, dosimetry, and radiation protection.

Rad 451. Radiologic Sensitometry Laboratory.
Laboratory measurements and written reports on film latitude, speed, gamma. The validity of the reciprocity law and the resolving power and exposure time with screens are demonstrated by student experiments.

Rad 452. Nuclear Medicine Laboratory.
Basic laboratory experiments using geiger counters, gamma spectrometers and other detecting equipment to illustrate the use of radioactive isotopes in nuclear medicine and their relationship to clinical medicine and diagnostic techniques.

Mrs 401 Medical Record Science
Course description listed under Medical Record Science Curricula.

Elective Courses Available to Students

Rad 441. Radiation Therapy.
Students would be assigned to the department of radiation therapy and would there continue their studies in the areas of field planning, dosage calculation, X ray beam filtration, radia-

tion absorption in tissue, measuring instruments and methods employed in radiation therapy.

Rad 461. Medical Isotope Techniques. The subjects covered would include types of isotopes, their storage and handling. Studies would also include methods of application and measurement and also the handling of patients undergoing treatment. The safe disposal of radioactive waster material and protection of the general public constitute part of the course.

Mrs. 402 Medical Record Sciences. Course description listed under Medical Record Science Curriculum.

Requirements for Graduation

The General Information section contains requirements for graduation. The faculty of the Department of Radiologic Technology also makes recommendations for graduation based upon a student's ability to develop those qualities considered essential to the profession.

Division of Health Systems Engineering

Director; Harold E. Smalley
Associate Director: James B. Mathews

The Division of Health Systems Engineering (DHSE) is an organizational unit reporting to the President which engages in education, research, and service programs in systems engineering.

The Division participates in a special program of education and research administered jointly by the Medical College of Georgia and the Health Systems Research Center of the Georgia Institute of Technology. This "Program in Hospital and Medical Systems" is designed to meet educational needs and to pursue research within the interdisciplinary field concerned with improvements in the management of health services and health education through industrial and systems engineering, operations research, and management science. In cooperation with the School of Industrial and Systems Engineering at the Georgia Institute of Technology, the DHSE staff conducts project courses and serves on thesis advisory committees of Georgia Tech graduate students who are engaged in health-related master's and doctoral research while in residence at the Medical College. It conducts training courses and seminars for MCG faculty, staff, and students as a means of promoting the systems approach to problems in health education, research, and delivery. The Division's faculty is also engaged in teaching management science and related courses which are offered within other educational programs at the College.

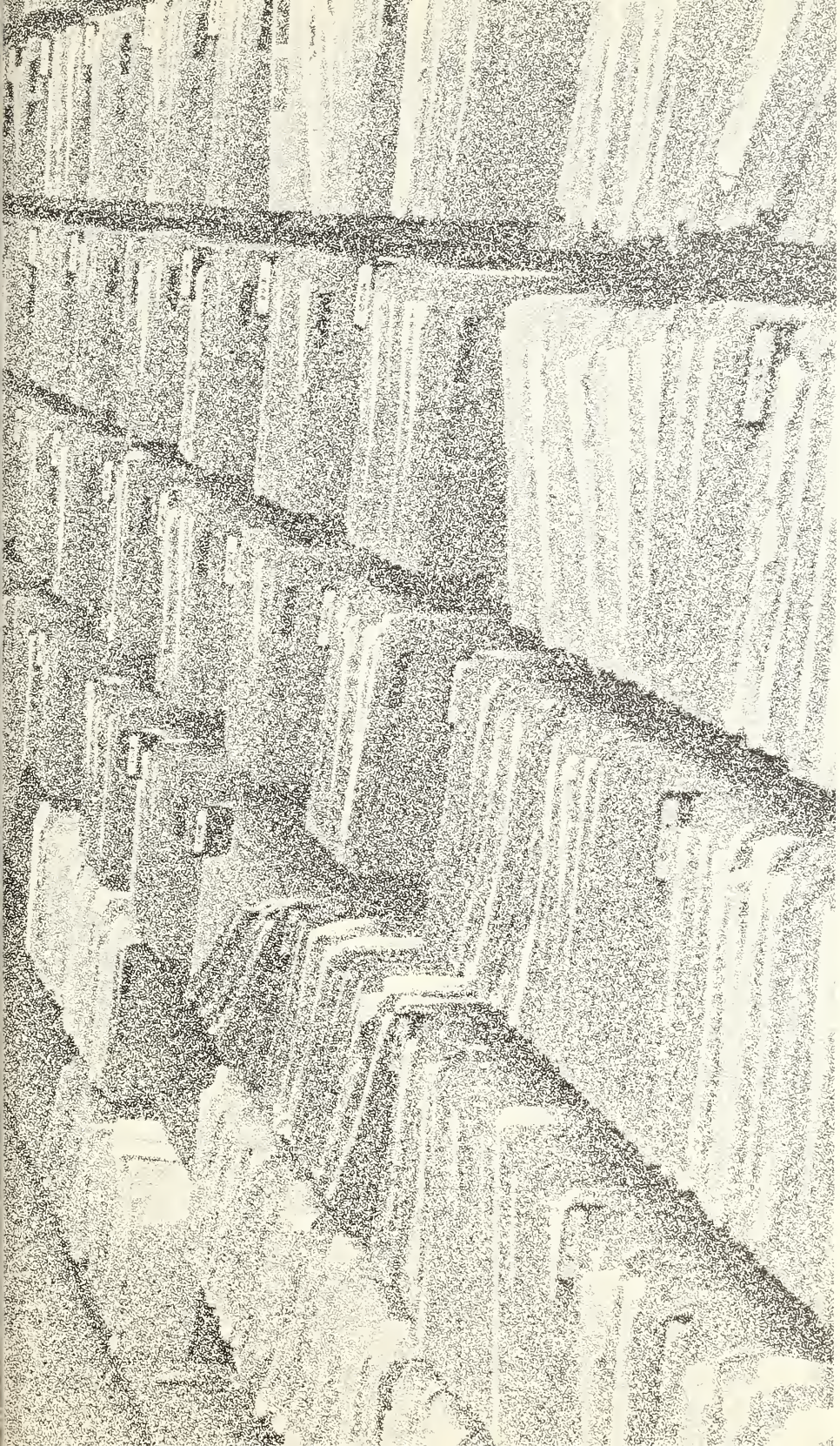
As an organizational division of the College, DHSE provides systems engineering staff services to the Schools of Medicine and Dentistry, the Eugene Talmadge Memorial Hospital, and other divisions. These services involve systems engineering analysis and design relative to management systems, facilities, and information systems.

The professional staff of the Division is engaged in various research projects related to health facilities planning, health manpower, and systems for the delivery of health care. The primary research project currently is the "Analysis of Optimal Radiographic Location Network", supported by the National Center for Health Services Research and Development, USPHS.

Hospital Administration Residency

The College, in cooperation with colleges and universities offering graduate degrees in Hospital Administration, offers a residency in Hospital Administration at the Eugene Talmadge Memorial Hospital. The residency, which may vary in length from 9-12 months, follows a year of graduate study, and is the final phase of a curriculum leading to a Master's Degree.

The content of the residency varies according to the school in which the resident is enrolled, but usually includes periods of orientation, rotation through hospital departments, and general administrative experience. The residency is under the preceptorship of the Hospital Director. The resident is provided a stipend to assist in meeting normal expenses.



Appendixes

Appendix A

University System of Georgia Board of Regents

		Current Term
Philip H. Alston, Jr., Atlanta	State-at-Large	1971-1978
John A. Bell, Jr., Dublin	State-at-Large	1970-1977
Roy V. Harris, Augusta	State-at-Large	1967-1974
William S. Morris, III, Augusta	State-at-Large	1967-1974
Carey Williams, Greensboro	State-at-Large	1969-1976
Mrs. Hugh Peterson, Sr., Ailey	First District	1970-1976
John I. Spooner, Donalsonville	Second District	1968-1975
T. Hiram Stanley, Columbus	Third District	1965-1972
John R. Richardson, Conyers	Fourth District	1970-1977
W. Lee Burge, Atlanta	Fifth District	1968-1975
David H. Tisinger, Carrollton	Sixth District	1971-1978
James V. Carmichael, Marietta	Seventh District	1966-1973
Charles A. Harris, Ocilla	Eighth District	1971-1978
James A. Dunlap, Gainesville	Ninth District	1966-1973
G. L. Dickens, Jr., Milledgeville	Tenth District	1965-1972

Officers And Staff

W. Lee Burge	**Chairman**
William S. Morris III	**Vice Chairman**
George L. Simpson, Jr.	**Chancellor**
H. F. Robinson	**Vice Chancellor**
James E. Boyd	**Vice Chancellor-Academic Development**
James L. Carmon	**Assistant Vice Chancellor-Computing Systems**
Frank C. Dunham	**Director, Construction and Physical Plant**
Mario J. Goglia	**Vice Chancellor-Research**
Robert M. Joiner	**Director of Public Affairs**
Howard Jordan, Jr.	**Vice Chancellor-Service**
Shealy E. McCoy	**Vice Chancellor-Fiscal Affairs and Treasurer**
Henry G. Neal	**Executive Secretary**
Harry B. O'Rear	**Vice Chancellor-Health Affairs**
Haskin R. Pounds	**Assistant Vice Chancellor**

Appendix B

Administration

President
Harry B. O'Rear

Vice-President
Raymond C. Bard

Vice-President & Treasurer
James A. Blissit

Vice-President for Medicine/Dean, School of Medicine
Christopher C. Fordham III

Dean (acting) School of Allied Health Sciences
Raymond C. Bard

Dean, School of Dentistry
Judson C. Hickey

Dean, School of Graduate Studies
Francis J. Behal

Dean, School of Nursing
Dorothy T. White

Comptroller
H. Alan Campbell

Director, Hospital & Clinics
Richard E. Gillock

Medical Director Hospital & Clinics
Christopher C. Fordham III

Director, Procurement
Willard W. Prior

Librarian
Sadie H. Rainsford

Registrar
George W. Martin

Director, Budget Division
Doyle M. Dillard Jr.

Director, (Acting) Computer Center
John M. Chambers

Director, Division of Educational Research and Development
W. Loren Williams

Director, Division of Health Communications
James H. R. Sutherland

Director, Division of Health Systems Engineering
Harold E. Smalley

Director, Financial Aid
David W. Johnson

Director, Hospital Research & Development
Richard E. Pogue

Director, Division of Institutional Relations
James C. Austin

Director, Business Services
James P. Crimmins

Director, Personnel Division
John C. Evers

Director, Physical Plant Division
W. Clay Adamson, Jr.

Director, Women's Activities
Shirley K. Rodgers

Director, Division of Student Affairs
James B. Puryear

President Emeritus
G. Lombard Kelly

President Emeritus
Edgar R. Pund

Appendix C

Faculty Listing

Asterisk indicates Graduate Faculty appointment also.

Abbott, Don C., Assistant Professor, Section of Neurology, Department of Psychiatry. Georgia Teachers' College, B.S., Medical College of Georgia, M.D.

***Abdel-Latif, Ata A.,** Associate Professor of Cell and Molecular Biology. DePaul University, B.S., M.S.; Illinois Institute of Technology, Ph.D.

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Agee, Julia, Research Associate, Medicine. Furman University, B.A., Medical College of Georgia, M.S.

Agostas, William N., Clinical Professor of Medicine. Augusta College, University of Georgia, Medical College of Georgia, M.D.

***Ahlquist, Raymond P.,** Professor and Chairman of Pharmacology. University of Washington, B.S., M.S., Ph.D.

Akamatsu, Yasuyuki, Assistant Professor of Pathology. Nara Medical College, M.D., Osaka University, Ph.D.

Allen, Candace, Instructor, Medical Record Science. Medical College of Georgia, B.S.

***Allen, Lane H.,** Professor of Anatomy. University of Georgia, B.S., M.S., Georgetown University, Ph.D., Medical College of Georgia, M.D.

Althisar, Henry M., Assistant Professor, Medicine. Medical College of Georgia, M.D.

Alvarez-Mena, Sergio C., Associate Clinical Professor of Medicine. LaSalle College, B.S., Matanzas Institute, B.A., Havannah School of Medicine, M.D.

Anderson, Ann S., Assistant Professor, Medical Technology. University of Georgia, B.S., Medical College of Georgia, M.S.

Anderson, Frank P., Jr., Professor of Pediatrics and Community Medicine. Davidson College, B.S., Medical College of South Carolina, M.D.

Asokan, Sankaran K., Assistant Professor of Medicine. All India Institute of Medical Science, M.B.B.S.

Ault, Leilee P., Professor of Nursing. University of Pennsylvania, B.S.; M.S.

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Badger, Walter L., Assistant Clinical Professor of Community Dentistry. University of Maryland, D.D.S.

Bailey, Henry W., Clinical Instructor of Surgery. Medical College of Georgia, M.D.

Bailey, Joseph P., Professor of Medicine; Chief of Theumatology. Mercer University, B.S., Medical College of Georgia, M.D.

Bailey, Thomas E., Assistant Clinical Professor of Pediatrics. Medical College of Georgia, M.D.

***Bard, Raymond C.,** Vice President; Professor of Cell and Molecular Biology. Acting Dean, School of Allied Health Sciences. College of the City of New York, B.S.; Indiana University, M.A., Ph.D.

Barfield, William E., Assistant Professor of Obstetrics and Gynecology. The Citadel, B.S.; Emory University, M.D.

Barron, Edmund G., Assistant Clinical Professor of Community Dentistry. University of North Carolina, B.S., M.P.H.; Medical College of Virginia, D.D.S.

Barton, Betty, Research Associate, Department of Pathology. University of South Carolina, M.S., B.S.

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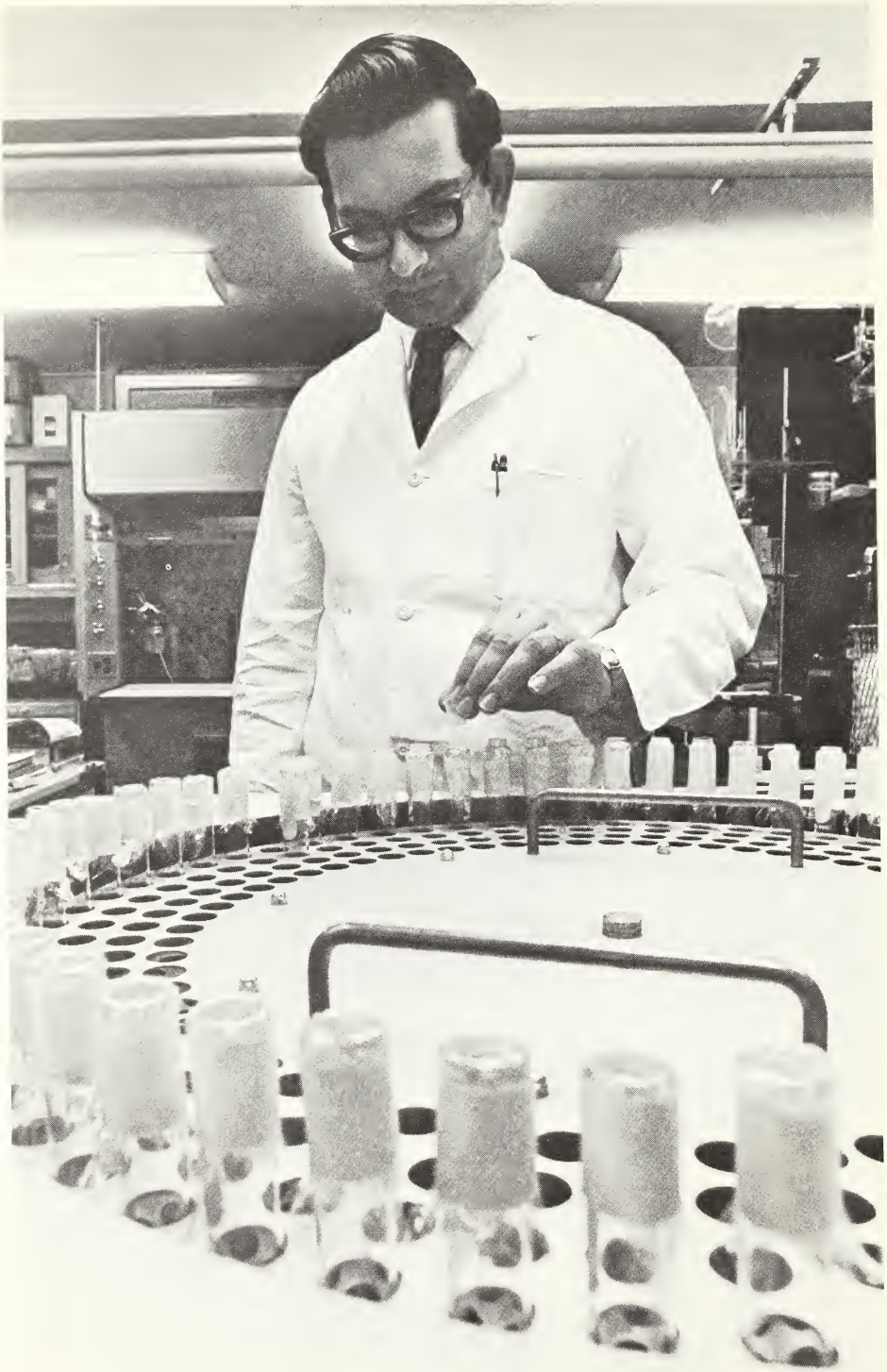

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Battey, Louis L., Clinical Professor of Medicine. College of the Holy Cross, B.S.; Medical College of Georgia, M.D.

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Dalton, A. Condon, Assistant Professor of Medicine. Harvard College, A.B.; Tufts University, School of Medicine, M.D.

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Dasqupta, Gautam, Instructor, Medicine. Scottish Church College, I.Sc., Medical College of India, M.B.B.S.

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Davidson, Ramona, Associate Professor of Medical-Surgical Nursing. American University, B.S.N.E.; University of Florida, M.N.

Davis, Carl O., Associate Professor, Educational Research and Development; Associate Professor of Oral Medicine, University of Tennessee, D.D.S., University of Iowa, M.S., University of Iowa, Ph.D.

***Davis, Darrell L.,** Associate Professor of Physiology. Oregon State College, B.S., M.A., St. Louis University, Ph.D.

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Dixon, Jack L., Instructor in Radiologic Technology. University Hospital, Augusta, R.T.; Naval Medical School, R.I.T.

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Franco, Jamie, Clinical Instructor in Pathology. University of Cortegene, M.D.

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Frankel, Norman, Clinical Instructor, Department of Medicine. Alfred University A.B., Albert Einstein, M.D.

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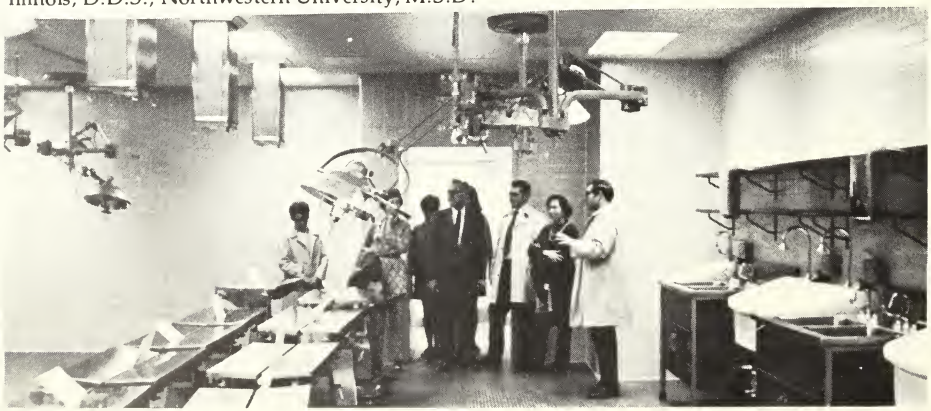

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